MACH LIST FOR-1131 MOD-001 SER- 10717 PLT-27 REQSTR GE CADY 05DEC69

CTRY- CUST-2159023-CONTRA COS SER BR-288 SYS#-1111-613-20381 TYP-1130

SHIPPED-19NOV66 SHP SEQ-A0029 FCT SEQ-B0014 W/D SUF- P4 MACH STA-NORMAL

SEQ#	EC#	STATUS	FLD B/M	FCSI #	TIME	ECA#	DATE
A0038	415719C	PRES LVL					
A0039	419623	~~INQUIRY*~~	inst 1/25/18				
A0040	415744	INQUIRY*					
A0041	490740C	INQUIRY*					
A0042	UNUSED	INSTALLD					
A0043	419624	INSTALLD					
A0044	419610B	INSTALLD					
A0045	419643	~~INQUIRY*~~	deleted 3/18				
A0046	415792	INSTALLD					
A0047	419633	INSTALLD					
A0048	420317	INSTALLD					
A0049	571019	INSTALLD	12/11/19				
	421063	"					
	571056	"	10/19/20				
B0014 FCT	415726A	FACT LVL					
B0016 FCT	419610	INSTALLD					
B0017 FCT	419611	INSTALLD					
B0018 FCT	419612	INSTALLD					
B0019 FCT	419614	INSTALLD					
B0022 FCT	419631	INSTALLD					
Y0004 OPT	415777C	INSTALLD					
Y0005 OPT	415456	INQUIRY*					
Y0006 OPT	415734	INQUIRY*					
Y0007 OPT	490819A	INQUIRY*					
Y0008 OPT	420375	INQUIRY*					
Y0009 OPT	419680	INQUIRY*					
Y0010 OPT	420436	INSTALLD					

FEAT BM SEQ#	QTY EC#	FEATURE NAME STATUS	STATUS FLD B/M	DATE FCSI #	ACC TIME	SHP-LVL-FCT ECA#	DATE
0180528	001	SER PLT BLACK%LEASE<		INT	19FEB69	D0001	E0000
D0001	124532	PRES LVL					
0734904	001	TAB SET AND CLR L DOM		INT	19FEB69	D0001	E0000
D0001	505458	PRES LVL					
0734943	001	SHIPPING GRP		INT	19FEB69	D0001	E0000
D0001	306857	PRES LVL					
0743989	001	PLATEN ASSEMBLY		INT	19FEB69	D0001	E0000
D0001	305414	PRES LVL					
1138122	001	INDX DTNT 3-61N PLATN		INT	19FEB69	D0001	E0000
D0001	505202	PRES LVL					
1159217	001	MOTOR VOLTAGE		INT	19FEB69	D0001	E0000
D0001	505338	PRES LVL					
1166640	001	PRNTR ASSEM		INT	19FEB69	D0001	E0000
D0001	508528	PRES LVL					
1166641	001	FINAL ASSEM		INT	19FEB69	D0001	E0000
D0001	306029	PRES LVL					
1167969	001	TYP HD ASSEM AM/ENG		INT	19FEB69	D0001	E0000
D0001	507802	PRES LVL					
2190500	001	FINAL ASSEMBLY		INT	19OCT66	D0001	E0004
D0001	415711A	PRES LVL					
D0002	571036C	INQUIRY*					
D0003	571036B	INQUIRY*					
E0004 FCT	415714D	FACT LVL					
2190542	001	BASIC SHIP GROUP		INT	19FEB69	D0001	E0000
D0001	420394	PRES LVL					

FEAT BM SEQ#	QTY EC#	FEATURE NAME STATUS	FLD B/M	STATUS FCSI #	DATE TIME	ACC ECA#	SHP-LVL-FCT DATE
D0002	420439	INQUIRY*					
2190550	001	A LEVEL SYS LOGIC DIA		INT	19FEB69		D0001 E0000
D0001	419630	PRES LVL					
2190555	001	DISPLAY PANEL		INT	19JUL69		D0001 E0000
D0001	419683	PRES LVL					
2190560	001	115 VAC 60 CYCLE ATT		INT	19OCT66		D0001 E0005
D0002	571003	PRES LVL					
E0005 FCT	415499	FACT LVL					
2190902	001	IDIOMATICS BASIC ENGLISH		INT	19OCT66		D0001 E0000
D0001	415724B	PRES LVL					
2190910	001	NO 1627 PLOTTER ATTACH		INT	19OCT66		D0001 E0000
D0001	415709A	PRES LVL					
2190911	001	1132 PRINTER 60 CY LEV A		INT	19FEB69		D0009 E0006
D0009	419659	PRES LVL					
E0006 FCT	415777R	FACT LVL					
2190919	001	ENGLISH COMP WITH DISK		INT	19OCT66		D0001 E0000
D0001	415776	PRES LVL					
2190930	001	DSC STRG SHIP GROUP		INT	19FEB69		D0001 E0000
D0001	415718	PRES LVL					
D0002	571036	SHIPPED	0843071	052379	1.2	141	29AUG69
D0003	571036C	INQUIRY*					
2190931	001	8K CORE STORAGE		INT	19OCT66		D0003 E0002
D0004	419653	PRES LVL					
D0005	419665	INQUIRY*					
D0006	419691	INQUIRY*					
E0002 FCT	414308	FACT LVL					
2191082	001	CVR CLR SECT BLUE		INT	19FEB69		D0001 E0000
D0001	415716	PRES LVL					
2191084	001	60HZ DOM		INT	19FEB69		D0001 E0000
D0001	415704M	PRES LVL					
2191317	001	1134 PAPER TAPE READER		INT	19OCT66		D0002 E0001
D0002	415494A	PRES LVL					
D0003	419695	INQUIRY					
E0001 FCT	415484	FACT LVL					
2191321	001	1442 MOD 6/7 READ PUNCH		INT	19AUG68		D0002 E0001
D0003	420403	PRES LVL					
E0001 FCT	415704P	FACT LVL					
2191327	001	1055 PAPER TAPE PUNCH		INT	19OCT66		D0003 E0000
D0003	415714E	PRES LVL					
2191329	001	1134 PROG LOAD/NO 1442		INT	19FEB69		D0001 E0000
D0003	571005	PRES LVL					
D0004	571021	SHIPPED	0843087	044950	1.0	138	17JUL69

FEAT BM SEQ#	QTY EC#	FEATURE NAME STATUS	STATUS FLD B/M	DATE FCSI #	ACC TIME	SHP-LVL-FCT ECA#	DATE
2191331	001	1134 OR 1055 ATTACH COMP		INT	19OCT66	D0002	E0000
D0002	415494A	PRES LVL					
2191337	001	CYCLE STEAL ATTACH		INT	19OCT66	D0001	E0000
D0001	415480D	PRES LVL					
E0002 FCT	419630	INSTALLD					
2191439	001	ENGLISH KEYBOARD		INT	19OCT66	D0001	E0001
D0001	415709G	PRES LVL					
E0001 FCT	415777R	FACT LVL					
2197158	001	A LEVEL DISK STOR 60 CY		INT	19OCT66	D0013	E0016
D0020	421016	PRES LVL					
D0021	421019	INQUIRY*					
D0022	421011A	INSTALLD					
D0023	421029	INSTALLD					
D0024	421032	INSTALLD					
D0025	421036	INQUIRY*					
D0026	421043	INSTALLD					
D0027	421047	INSTALLD					
D0028	420403	INSTALLD					
D0029	571005	INSTALLD					
D0030	421057	INSTALLD					
D0031	421063	SHIPPED	0843084	052379	.5	140	29AUG69
D0032	571036	SHIPPED	0843071	052379	1.2	141	29AUG69
E0016 FCT	415433	FACT LVL					
E0018 FCT	415717J	INSTALLD					
E0019 FCT	415717M	INSTALLD					
E0020 FCT	415717P	INSTALLD					
E0021 FCT	415717Q	INSTALLD					
E0022 FCT	415717L	INSTALLD					
E0023 FCT	415717K	INSTALLD					
E0025 FCT	419630	INSTALLD					
E0030 FCT	415717N 415743	INSTALLD 00 5/20/68					
2197251	001	MPS SUPPLIES 60 CYCLE		INT	19JUL69	D0001	E0000
D0001	415776	PRES LVL					
2197252	001	6V 60CY NO SCA NO 2501		INT	19JUL69	D0001	E0000
D0001	415776	PRES LVL					
2197254	001	12V PWR GRP 60CY W/O SCA		INT	19JUL69	D0001	E0000
D0001	415776	PRES LVL					
2197286	001	A LEVEL SLT GROUP 60 CY		INT	19JAN67	D0001	E0000
D0008	571005	PRES LVL					
D0009	571021	SHIPPED 5/1/68	0843087	044950	1.0	138	17JUL69
D0010	571036	SHIPPED	0843071	052379	1.2	141	29AUG69
D0011	571046	~~WRITTEN~~ 11/67	0843043	117593	2.0	145	03DEC69
D0012	571053	WRITTEN	0843044	095453	1.0	146	19NOV69
E0002 FCT	419630	INSTALLD					
8155574	001	C IDIO GP ENGLISH		INT	19SEP69	D0001	E0000
D0001	073227	PRES LVL					

BASIC CUSTOMER FEATURES INSTALLED OR ORDERED

SHP-LVL-FCT	FEAT BM	QTY	FEATURE NAME	STATUS
D0001 E0000	0180528	001	SER PLT BLACK%LEASE<	INSTALLED
D0001 E0000	0734904	001	TAB SET AND CLR L DOM	INSTALLED
D0001 E0000	0734943	001	SHIPPING GRP	INSTALLED
D0001 E0000	0743989	001	PLATEN ASSEMBLY	INSTALLED
D0001 E0000	1138122	001	INDX DTNT 3-61N PLATN	INSTALLED
D0001 E0000	1159217	001	MOTOR VOLTAGE	INSTALLED
D0001 E0000	1166640	001	PRNTR ASSEM	INSTALLED
D0001 E0000	1166641	001	FINAL ASSEM	INSTALLED
D0001 E0000	1167969	001	TYP HD ASSEM AM/ENG	INSTALLED
D0001 E0004	2190500	001	FINAL ASSEMBLY	INSTALLED
D0001 E0000	2190542	001	BASIC SHIP GROUP	INSTALLED
D0001 E0000	2190550	001	A LEVEL SYS LOGIC DIA	INSTALLED
D0001 E0000	2190555	001	DISPLAY PANEL	INSTALLED
D0001 E0005	2190560	001	115 VAC 60 CYCLE ATT	INSTALLED
D0001 E0000	2190902	001	IDIOMATICS BASIC ENGLISH	INSTALLED
D0001 E0000	2190910	001	NO 1627 PLOTTER ATTACH	INSTALLED
D0009 E0006	2190911	001	1132 PRINTER 60 CY LEV A	INSTALLED
D0001 E0000	2190919	001	ENGLISH COMP WITH DISK	INSTALLED
D0001 E0000	2190930	001	DSC STRG SHIP GROUP	INSTALLED
D0003 E0002	2190931	001	8K CORE STORAGE	INSTALLED
D0001 E0000	2191082	001	CVR CLR SECT BLUE	INSTALLED
D0001 E0000	2191084	001	60HZ DOM	INSTALLED
D0002 E0001	2191317	001	1134 PAPER TAPE READER	INSTALLED
D0002 E0001	2191321	001	1442 MOD 6/7 READ PUNCH	INSTALLED
D0003 E0000	2191327	001	1055 PAPER TAPE PUNCH	INSTALLED
D0001 E0000	2191329	001	1134 PROG LOAD/NO 1442	INSTALLED
D0002 E0000	2191331	001	1134 OR 1055 ATTACH COMP	INSTALLED
D0001 E0000	2191337	001	CYCLE STEAL ATTACH	INSTALLED
D0001 E0001	2191439	001	ENGLISH KEYBOARD	INSTALLED
D0013 E0016	2197158	001	A LEVEL DISK STOR 60 CY	INSTALLED
D0001 E0000	2197251	001	MPS SUPPLIES 60 CYCLE	INSTALLED
D0001 E0000	2197252	001	6V 60CY NO SCA NO 2501	INSTALLED
D0001 E0000	2197254	001	12V PWR GRP 60CY W/O SCA	INSTALLED
D0001 E0000	2197286	001	A LEVEL SLT GROUP 60 CY	INSTALLED
D0001 E0000	8155574	001	C IDIO GP ENGLISH	INSTALLED

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE DIAGNOSTIC MANUAL		7			
03A1#	9	TABLE OF CONTENTS	2191292	571005	
*03A00	9	CPU TEST INDEX	2191290	571005	
**03A1*	9	CPU FUNCTION DESCRIPTION	2191206	420317	
**03A1-	9	CPU FUNCTION TEST LISTING	2191204	420403	
**03A3*	9	BASIC DT LOADER DESCRIPTION	2191254	415490C	
**03A3-	9	BASIC DT LOADER LISTING	2191252	415490C	
**03A5*	9	ONE CARD DT PROGRAM DESCRIPTION	2191262	415490B	
**03A5-	9	ONE CARD DT PROGRAM	2191260	415490B	
***03AD-	9	BASIC DIAG LOADER-2501 DESCRIPT	2243559	420317	
***03AD#	9	BASIC DIAG LOADER-2501 PROGRAM	2243561	420317	

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE DIAGNOSTIC MANUAL		7			
03B0-	9	HIGH CORE FUNCTION TEST LISTING	2243964	420403	
03B0	9	CORE FUNCT TEST PIDS 03B10B1 DE	2243966	420403	
**03B1-	9	LOW CORE FUNCTION TEST LISTING	2243967	420403	
***03A4*	9	METER TEST	2191250	571005	
***03A4-	9	METER TEST LISTING	2191248	571005	
***03A6*	9	CORE STORAGE ADJUSTMENT DISCRIPT	2191246	420403	
***03A6-	9	CORE STORAGE ADJUSTMENT LISTING	2191244	420403	
***03A8*	9	INTERRUPT TEST DESCRIPTION	2191270	420317	
***03A8-	9	INTERRUPT TEST LISTING	2191268	420403	
***030A*	9	DISK ADJUSTMENT DESCRIPT.& LIST	2243957	571005	
****03A0-	9	1130 SCOPE LOOP LISTING	2243962	420403	
****0302*	9	1130 DIMAL DESCRIPTION	2243961	420403	

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE DIAGNOSTIC MANUAL		7			
0A	9	I/O TEST INDEX	2191291	420317	
0300*	9	DIAGNOSTIC MONITOR DESCRIPTION	2191202	420317	
0300-	9	DIAGNOSTIC MONITOR LISTING	2191200	571005	
0308*	9	2315 DISK INITIALIZATION DESCRIPT	2191218	420403	
0308-	9	2315 DISK INITIALIZATION LISTING	2191216	420403	
0309*	9	DISK STORAGE FUNCTION DESCRIPTION	2191214	420403	
0309-	9	DISK STORAGE FUNCTION LISTING	2191212	571005	
*03AB-	9	RELOCATING RELOADER 2501 LISTING	2191284	420317	
**0314*	9	1231 FUNCTION TEST DESCRIPTION	2243555	420403	
**0314-	9	1231 FUNCTION TEST LISTING	2243553	420317	
***030D*	9	1403 PRINTER FUNCTION DESCRIPTION	2243558	420403	
***030D-	9	1403 PRINTER FUNCTION LISTING	2243556	420317	

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE DIAGNOSTIC MANUAL		7			
0304*	9	KEYBOARD/CONSOLE DESCRIPTION	2191242	420317	
0304-	9	KEYBOARD/CONSOLE LISTING	2191240	420317	
0305*	9	1627 PLOTTER FUNCTION DESCRIPTION	2191238	415490	
0305-	9	1627 PLOTTER FUNCTION LISTING	2191236	415490	
030B	9	1134/1055 FUNCTION DESCRIPTION	2191234	420317	
*030B-	9	1134/1055 FUNCTION LISTING	2191232	415490B	
030C	9	1132 PRINTER FUNCTION DESCRIPTION	2191222	420403	
*030C-	9	1132 PRINTER FUNCTION LISTING	2191220	415490	
030F	9	1442 FUNCTION DESCRIPTION	2191226	415490B	
*030F-	9	1442 FUNCTION LISTING	2191224	415490	
032F	9	1442 TIMING TEST DESCRIPTION	2191230	571005	
*032F-	9	1442 TIMING TEST LISTING	2191228	415490	
**030E*	9	2501/1442 5 F.T. TEST DESCRIPTION	2243552	420403	
**030E-	9	2501/1442 5 F.T. TEST LISTING	2243550	420403	

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE DIAGNOSTIC PROGRAMS 8					
03B0#	9	HIGH CORE FUNCTION TEST PROGRAM	2243965	420403	
0300#	9	DIAGNOSTIC MONITOR PROGRAM	2191201	571005	
0304#	9	KEYBOARD/CONSOLE PRINTER PROGRAM	2191241	420317	
0308#	1	2315 DISK INITIALIZATION PROGRAM	2191217	420403	.W. 2190930
0309#	1	DISK STORAGE FUNCTION PROGRAM	2191213	571005	.W. 2190930
**03A1	9	CPU FUNCTION PROGRAM	2191205	420403	
*030B#		FUNCTION TEST PROGRAM	2191233	415490B	.W. 2191331
*030F#	1	FUNCTION TEST DECK	2191225	415490B	.W. 2191321
*032F#	1	TIMING TEST DECK	2191229	415490B	.W. 2191321
**03A3#	9	BASIC DIAGNOSTIC LOADER DECK	2191253	415490	
**03A5#	9	ONE CARD DT PROGRAM	2191261	415490	
**03B1#	9	LOW CORE FUNCTION TEST PROGRAM	2243968	420403	
***03A4#	9	METER TEST PROGRAM	2191249	571005	
***03A6#	9	CORE STORAGE ADJUSTMENT PROGRAM	2191245	420403	
***03A8#	9	INTERRUPT PROGRAM	2191269	420403	
***030A#	9	DISK ADJUSTMENT PROGRAM	2243958	571005	
****03A0#	9	1130 SCOPE LOOP PROGRAM	2243963	420400	
****0302#	9	1130 DIMAL PROGRAM	2243960	420403	

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE SYSTEM DIAGRAMS			0		
AC001	1	SOCKET LISTING	2201217	419659	.W. 2190911
AC002	9	SOCKET LISTING 2 PAGES	2201218	419659	.W. 2190550
AC003	9	SOCKET LISTING 2 PAGES	2201219	415491	.W. 2190550
AC004	9	SOCKET LISTING 2 PAGES	2201220	419633	.W. 2190550
AC005	9	SOCKET LISTING 2 PAGES	2201221	419633	.W. 2190550
AD000	9	JUMPERS-TIE DOWNS	2201285	419613	.W. 2190550
AE000	9	TERMINATORS	2201298	415483A	.W. 2190550
BA000	9	SOCKET RESERVATIONS	2201284	419633	.W. 2190550
BA001	9	SOCKET RESERVATIONS	2201342	419633	.W. 2190550
BA101	9	INPUT OUTPUT BUS BITS 0-1-2	2201286	415483	.W. 2190550
BB101	9	INPUT OUTPUT BUS BITS 0-1-2	2201001	419633	.W. 2190550
BB111	9	INPUT OUTPUT BUS BITS 3-4-5	2201002	415483	.W. 2190550
BB121	9	INPUT OUTPUT BUS BITS 6-7-8	2201003	415487	.W. 2190550
BB131	9	INPUT OUTPUT BUS BITS 9-10-11-12	2201004	415480A	.W. 2190550
BB141	9	INPUT OUTPUT BUS BITS 13-14-15	2201005	419633	.W. 2190550
DN101	9	OP DECODE NO. 1	2201006	419633	.W. 2190550
DN111	9	OP DECODE NO. 2	2201007	419633	.W. 2190550
DN201	9	XIO GATES X CLOCK ADVANCE	2201008	419659	.W. 2190550
DU101	9	FUNCTION DECODE AND ENTRY GT	2201009	419609	.W. 2190550
DU111	9	AREA DECODE AND SENSE RESET	2201010	419609	.W. 2190550
DU121	9	U REGISTER POWERING	2231030	419631	
FA101	9	CHANNEL CLOCK POWERING	2231031	419631	
FA111	9	CHANNEL DATA POWERING BITS 0-7	2231032	419631	
FA121	9	CHANNEL DATA POWERING BITS 8-15	2231033	419631	
FA131	9	CHANNEL ADDRESS ENTRY BITS 0-7	2231034	419631	
FA141	9	CHANNEL ADDRESS ENTRY BITS 8-15	2231035	419631	
FA151	9	CHANNEL DATA ENTRY BITS 0-7	2231036	419631	
FA161	9	CHANNEL DATA ENTRY BITS 8-15	2231037	419631	
FA171	9	CHANNEL INTERRUPT ENTRY	2231038	419631	
FA181	9	CHANNEL CONTROLS	2231039	419631	
FA191	9	CHANNEL ILSW ENTRY	2231040	419631	
FA201	9	CYCLE STEAL DATA ENTRY	2231041	419631	
KA101	9	OSCILLATOR PHASE	2201011	415481	.W. 2190550
KA111	9	PHASE A&B RESET DELAY START ADVNC	2201012	419633	.W. 2190550
KB101	9	BR-1 BR-2 A TO M SAMPLE	2201013	419633	.W. 2190550
KB111	9	SKIP SAMPLE BRANCH OUT ADD TO INT	2201014	415480A	.W. 2190550
KC101	9	T CLOCK	2201015	415480D	.W. 2190550
KC111	9	T CLOCK	2201016	419613	.W. 2190550
KD101	9	CYCLE TIMER	2201017	419633	.W. 2190550
KD111	9	CYCLE TIMER	2201018	419633	.W. 2190550
KG101	9	A TO M&I TO M SAMPLE PULSE DRIVE	2201019	419633	.W. 2190550
KG111	9	CLK ADVANCE MTOI I B TO I PHASE A	2201020	419633	.W. 2190550
KG121	9	SAMPLE PULSE DRIVERS	2201021	419633	.W. 2190550
KG131	9	SAMPLE PULSE DRIVERS	2201022	419633	.W. 2190550
KG141	9	SAMPLE PULSE DRIVERS	2201023	419633	.W. 2190550
KG151	9	SAMPLE PULSE DRIVERS	2201024	419633	.W. 2190550
KG201	9	I INCREMENTOR	2201025	415480A	.W. 2190550
KG211	9	I INC GATE	2201026	419633	.W. 2190550
KG221	9	T7 END OP T7 COUNT 0	2201027	419633	.W. 2190550
KG231	9	I TO A AND B TO D GATE	2201028	419633	.W. 2190550
KG241	9	I TO B AND A TO B GATE	2201029	419633	.W. 2190550
KG251	9	WRITE GATE PHASE A AND B	2201030	419633	.W. 2190550
KM101	9	X CLOCK	2201031	419633	.W. 2190550
KM111	9	X CLOCK	2201032	419633	.W. 2190550
KM201	9	INTERRUPT ENTRY	2201033	419613	.W. 2190550
KM211	9	CYCLE STEAL LEVELS 0 AND 1	2201037	419633	.W. 2190550
KM301	9	INTERRUPT LEVELS 0 AND 1	2201034	419633	.W. 2190550
KM311	9	INTERRUPT LEVELS 2 AND 3	2201035	419633	.W. 2190550
KM321	9	INTERRUPT LEVELS 4 AND 5	2201036	419609	.W. 2190550
KR101	9	PARITY CHECK	2201039	415483	.W. 2190550
KR111	9	PARITY BIT TRIGGERS	2201040	415709G	.W. 2190550
KS101	9	CARRY TEMP CARRY DBL PR CARRY	2201041	419613	.W. 2190550
KS111	9	OVERFLOW SKIP CONDITION	2201042	419633	.W. 2190550
KT101	9	MPY ARITH ACTION E NOT MPY	2201043	419633	.W. 2190550
KT111	9	ARITH SIGN AND ADD	2201044	419633	.W. 2190550
KT121	9	MPY E SHIFT CONTROL	2201045	415481	.W. 2190550
KT131	9	ZERO REMAINDER	2201046	419633	.W. 2190550
KT201	9	ADD SUB GT	2201047	419613	.W. 2190550
KT301	9	A BIT 0 SHIFT RT ENTR	2201048	419633	.W. 2190550
KT311	9	SHIFT RIGHT LEFT SAMPLE	2201049	415481	.W. 2190550
KT321	9	CONSOLE SIGNAL INTEGRATORS	2201295	415725	.W. 2190550
KT331	9	INT LEVEL SET RESET	2201052	419659	.W. 2190550
KU101	9	ACCUMLATOR-A REG EQUAL ZERO	2201053	419633	.W. 2190550
KU111	9	ACC INPUT BUSS	2201054	419633	.W. 2190550
KU201	9	INDEX ADDR 1-2-3 STOP LATCH	2201055	415483	.W. 2190550
KU211	9	T & X CLOCK	2201056	415481	.W. 2190550
KU301	9	IX ADDRESS INHIBIT SAR	2201057	419633	.W. 2190550
KU311	9	REGISTER RESET	2201058	419609	.W. 2190550
KW101	9	PROCESSOR USAGE METER CONTROL	2201215	419633	.W. 2190550
00000	9	TABLE OF CONTENTS	2231981	419659	.W. 2190550

PAGE NO.	SH	TITLE	PART NO	EC NO.	FEATURE B/M OR B/MS
** LOGIC TYPE SYSTEM DIAGRAMS		0			
KA101	9	OSCILLATOR PHASE A SPD RUN T CLK	2231092	419631	
KA111	9	PHASE A&B RESET DELAY START ADVNC	2231093	419631	
KB101	9	BR-1 BR-2 A TO M SAMPLE M TO I SM	2231094	419631	
KB111	9	SKIP SAMPLE BRANCH OUT ADD TO STR	2231359	419631	
KC101	1	T CLOCK TO T1 T2 T3 TO123	2231096	419631	
KC101	9	T CLOCK TO T1 T2 T3 TO123	2231096	419631	
KC111	9	T CLOCK T4 T5 T6 T7	2231097	419631	
KD101	1	CYCLE TIMER I1 I2 IX	2231098	419631	
KD101	9	CYCLE TIMER I1 I2 IX	2231098	419631	
KD111	9	CYCLE TIME IA E E1 E3	2231360	419631	
KG101	9	A TO M & I TO M SMP PULSE DRIVERS	2231361	419631	
KG111	9	CLK ADV M TO I B TO I PH A S P D	2231362	419631	
KG121	9	I O TO B A TO B I TO B SMP PLS DR	2231363	419631	
KG131	9	A TO U U TO A XCHE A&Q SMP PLS DR	2231364	419631	
KG141	9	SHIFT LEFT A Q SAMPLE PLSE DRVRS	2231365	419631	
KG151	9	SHIFT RT A Q RESET D & SMP PLS DR	2231366	419631	
KG201	9	I INCREMENTOR	2231367	419631	
KG211	9	B TO I M TO I &I INC GTE I TO M	2231368	419631	
KG221	9	T7 END OP T7 COUNT O CCC CONTROLS	2231369	419631	
KG231	9	I TO A&B TO D GATE A TO U&U TO A	2231109	419631	
KG241	9	I TO B&A TO B GATE STX T 00 MDX	2231370	419631	
KG251	9	WRITE GATE PHASE A&B BIT O LATCH	2231371	419631	
KM101	9	X CLOCK XO X1 X2 X3 XO123	2231112	419631	
KM111	9	X CLOCK X4 X5 X6 X7	2231113	419631	
KM201	9	INTERRUPT ENTRY	2231114	419631	
KM211	9	CYCLE STEAL LEVELS O AND 1	2231115	419631	
KM212	9	CYCLE STEAL LEVELS 2 AND 3	2231116	419631	
KM301	9	INTERRUPT LEVELS C AND 1	2231117	419631	
KM311	9	INTERRUPT LEVELS 2 AND 3	2231118	419631	
KM321	9	INTERRUPT LEVELS 4 AND 5	2231119	419631	
KR101	9	PARITY CHECK	2231372	419631	
KR111	9	PARITY BIT TRIGGERS PARITY STOP	2231121	419631	
KS101	9	CARRY TEMP CARRY DBL PR CARRY	2231373	419631	
KS111	9	OVERFLOW SKIP CONDITION	2231374	419631	
KT101	9	MPY ARITH ACTION E NOT MPY E1 DIV	2231375	419631	
KT111	9	ARITHMETIC SIGN AND ADD	2231376	419631	
KT121	9	MPY E SHIFT CTRL ARITH CONTROL	2231377	419631	
KT131	9	ZERO REMAINDER SET DIV OFLO E1 E2	2231378	419631	
KT201	9	ADD SUB GT A 15 SHFT LT EN SET AR	2231379	419631	
KT301	9	A BIT O SHIFT RT ENTR SLC SHFT OP	2231380	419631	
KT311	9	SFT RT LT SAMPLE SLC E RESET ACC	2231381	419631	
KT321	9	CONSOLE SIGNAL INTEGRATORS	2231131	419631	
KT331	9	INT LVL SET RESET SPD T7 SP CLK A	2231132	419631	
KU101	9	ACC A REG EQLS O ARITH FCT D REG	2231382	419631	
KU111	9	ACC INPUT BUSS I BITS 10-15 CCC	2231383	419631	
KU201	9	INDEX ADDR 1 2 3 STP LTCH D CT 16	2231135	419631	
KU211	9	T&X CLK OSC A PROG LD PWR WAIT NT	2231136	419631	
KU301	9	IX ADD INHBT SAR STX E1 SLC RE CR	2231137	419631	
KU311	9	REGISTER RESET PARITY CK CTRL GTE	2231138	419631	
KW101	9	PROCESSOR USAGE METERS CONTROL	2231139	419631	
MB101	9	STORAGE ADDRESS BUSS	2201059	419633	.W. 2190550
MB111	9	STORAGE ADDRESS ASSEMBLY	2231141	419631	
MB201	9	FILE PRINTER ADDRESS BUSS	2201060	419633	.W. 2190550
MC101	9	STORAGE READ WRITE CYCLES	2201061	419608	.W. 2190550
RA101	9	A AND U REGISTER BIT 0	2201062	419633	.W. 2190550
RA111	9	A AND U REGISTER BIT 1	2201063	419633	.W. 2190550
RA121	9	A AND U REGISTER BIT 2	2201064	419633	.W. 2190550
RA131	9	A AND U REGISTER BIT 3	2201065	419633	.W. 2190550
RA141	9	A AND U REGISTER BIT 4	2201066	419633	.W. 2190550
RA151	9	A AND U REGISTER BIT 5	2201067	419633	.W. 2190550
RA161	9	A AND U REGISTER BIT 6	2201068	419633	.W. 2190550
RA171	9	A AND U REGISTER BIT 7	2201069	419633	.W. 2190550
RA201	9	A AND U REGISTER BIT 8	2201070	419633	.W. 2190550
RA211	9	A AND U REGISTER BIT 9	2201071	419633	.W. 2190550
RA221	9	A AND U REGISTER BIT 10	2201072	419633	.W. 2190550
RA231	9	A AND U REGISTER BIT 11	2201073	419633	.W. 2190550
RA241	9	A AND U REGISTER BIT 12	2201074	419633	.W. 2190550
RA251	9	A AND U REGISTER BIT 13	2201075	419633	.W. 2190550
RA261	9	A AND U REGISTER BIT 14	2201076	419633	.W. 2190550
RA271	9	A AND U REGISTER BIT 15	2201077	419633	.W. 2190550
RB101	9	I B AND M REGISTER BIT 0	2201078	419633	.W. 2190550
RB111	9	I B AND M REGISTER BIT 1	2201079	419633	.W. 2190550
RB121	9	I B AND M REGISTER BIT 2	2201080	419633	.W. 2190550
RB131	9	I B AND M REGISTER BIT 3	2201081	419633	.W. 2190550
RB141	9	I B AND M REGISTER BIT 4	2201082	419633	.W. 2190550
RB151	9	I B AND M REGISTER BIT 5	2201083	419633	.W. 2190550
RB161	9	I B AND M REGISTER BIT 6	2201084	419633	.W. 2190550
RB171	9	I B AND M REGISTER BIT 7	2201085	419633	.W. 2190550
RB201	9	I B AND M REGISTER BIT 8	2201086	419633	.W. 2190550
RB211	9	I B AND M REGISTER BIT 9	2201087	419633	.W. 2190550
RB221	9	I B AND M REGISTER BIT 10	2201088	415483	.W. 2190550
RB231	9	I B AND M REGISTER BIT 11	2201089	415483	.W. 2190550

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** LOGIC TYPE SYSTEM DIAGRAMS		0			
RB241	9	I B AND M REGISTER BIT 12	2201090	419633	.W. 2190550
RB251	9	I B AND M REGISTER BIT 13	2201091	419633	.W. 2190550
RB261	9	I B AND M REGISTER BIT 14	2201092	419633	.W. 2190550
RB271	9	I B AND M REGISTER BIT 15	2201093	419633	.W. 2190550
RB301	9	B REGISTER POWERING BITS 0-7	2201094	415483	.W. 2190550
RB311	9	B REGISTER POWERING BITS 8-15	2201050	419633	.W. 2190550
RB321	9	-B POWER TERMINATORS	2201216	419633	.W. 2190550
RD101	9	B REGISTER BIT 0-1	2201095	419633	.W. 2190550
RD111	9	B REGISTER BIT 2-3	2201096	419633	.W. 2190550
RD121	9	B REGISTER BIT 4-5	2201097	419633	.W. 2190550
RD131	9	B REGISTER BIT 6-7	2201098	419633	.W. 2190550
RD141	9	B REGISTER BITS 8-9	2201099	419633	.W. 2190550
RD151	9	B REGISTER BITS 10-11	2201100	419633	.W. 2190550
RD161	9	B REGISTER BITS 12-13	2201101	419633	.W. 2190550
RD171	9	B REGISTER BITS 14-15	2201102	419633	.W. 2190550
RN101	9	OP-FORMAT-TAG REGISTER	2201103	419633	.W. 2190550
RN111	9	MOD 8 MOD 9 WAIT OP	2201104	415483	.W. 2190550
RQ101	9	Q REGISTER BITS 0-1	2201105	419633	.W. 2190550
RQ111	9	Q REGISTER BITS 2-3	2201106	419633	.W. 2190550
RQ121	9	Q REGISTER BITS 4-5	2201107	419633	.W. 2190550
RQ131	9	Q REGISTER BITS 6-7	2201108	419633	.W. 2190550
RQ141	9	Q REGISTER BITS 8-9	2201109	419633	.W. 2190550
RQ151	9	Q REGISTER BITS 10-11	2201110	419633	.W. 2190550
RQ161	9	Q REGISTER BITS 12-13	2201111	419633	.W. 2190550
RQ171	9	Q REGISTER BITS 14-15	2201112	419633	.W. 2190550
RS101	9	CYCLE CONTROL COUNTER 1-2	2201113	419633	.W. 2190550
RS111	9	CYCLE CONTROL COUNTER 4-8	2201114	419633	.W. 2190550
RS121	9	CYCLE CONTROL COUNTER 16-32	2201115	415483	.W. 2190550
WF391	9	FIE PROCESSOR INTERFACE	2201144	415491	.W. 2190550
WZ011	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201278	415495	.W. 2190550
WZ021	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201279	415495	.W. 2190550
WZ031	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201280	415495	.W. 2190550
WZ041	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201281	415495	.W. 2190550
WZ051	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201282	415495	.W. 2190550
WZ061	9	SJ-2 & SJ-4 STORAGE INTERFACE	2201283	415495	.W. 2190550

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** LOGIC TYPE SYSTEM DIAGRAMS		0			
RB101	9	I B AND M REGISTER BIT 0	2231160	419631	
RB111	9	I B AND M REGISTER BIT 1	2231161	419631	
RB121	9	I B AND M REGISTER BIT 2	2231162	419631	
RB131	9	I B AND M REGISTER BIT 3	2231163	419631	
RB141	9	I B AND M REGISTER BIT 4	2231164	419631	
RB151	9	I B AND M REGISTER BIT 5	2231165	419631	
RB161	9	I B AND M REGISTER BIT 6	2231166	419631	
RB171	9	I B AND M REGISTER BIT 7	2231167	419631	
RB201	9	I B AND M REGISTER BIT 8	2231168	419631	
RB211	9	I B AND M REGISTER BIT 9	2231169	419631	
RB221	9	I B AND M REGISTER BIT 10	2231170	419631	
RB231	9	I B AND M REGISTER BIT 11	2231171	419631	
RB241	9	I B AND M REGISTER BIT 12	2231172	419631	
RB251	9	I B AND M REGISTER BIT 13	2231173	419631	
RB261	9	I B AND M REGISTER BIT 14	2231174	419631	
RB271	9	I B AND M REGISTER BIT 15	2231175	419631	
RB301	9	B REGISTER POWERING BITS 0-7	2231176	419631	
RB311	9	B REGISTER POWERING BITS 8-15	2231177	419631	
RB321	9	-B POWERING TERMINATORS	2231178	419631	
RD101	9	D REGISTER BITS 0 AND 1	2231384	419631	
RD111	9	D REGISTER BITS 2 AND 3	2231385	419631	
RD121	9	D REGISTER BITS 4 AND 5	2231386	419631	
RD131	9	D REGISTER BITS 6 AND 7	2231387	419631	
RD141	9	D REGISTER BITS 8 AND 9	2231388	419631	
RD151	9	D REGISTER BITS 10 AND 11	2231389	419631	
RD161	9	D REGISTER BITS 12 AND 13	2231390	419631	
RD171	9	D REGISTER BITS 14 AND 15	2231391	419631	
RN101	9	OP-FORMAT-TAG REGISTER	2231392	419631	
RN111	9	MOD 8 MOD 9 WAIT OP DEL WD OD ADD	2231188	419631	
RQ101	9	Q REGISTER BITS 0 AND 1	2231393	419631	
RQ111	9	Q REGISTER BITS 2 AND 3	2231394	419631	
RQ121	9	Q REGISTER BITS 4 AND 5	2231395	419631	
RQ131	9	Q REGISTER BITS 6 AND 7	2231396	419631	
RQ141	9	Q REGISTER BITS 8 AND 9	2231397	419631	
RQ151	9	Q REGISTER BITS 10 AND 11	2231398	419631	
RQ161	9	Q REGISTER BITS 12 AND 13	2231399	419631	
RQ171	9	Q REGISTER BITS 14 AND 15	2231400	419631	
RS101	9	CYCLE CONTROL COUNTER 1-2	2231401	419631	
RS111	9	CYCLE CONTROL COUNTER 4-8	2231402	419631	
RS121	9	CYCLE CONTROL COUNTER 16-32	2231403	419631	
WF391	9	FILE PROCESSOR INTERFACE	2231404	419631	
WZ011	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231405	419631	
WZ021	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231202	419631	
WZ031	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231406	419631	
WZ041	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231407	419631	
WZ051	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231408	419631	
WZ061	9	SJ-2 OR SJ-4 STORAGE INTERFACE	2231206	419631	
XC101	9	CONSOLE DSW DATA BITS 0-2-4-6	2201117	419633	.W. 2190550
XC111	9	CONSOLE DSW DATA BITS 8-10-12-14	2201118	419633	.W. 2190550
XC121	9	CONSOLE DSW DATA BITS 1-3-5-7	2201119	419633	.W. 2190550
XC131	9	CONSOLE DSW DATA BITS 9-11-13-15	2201120	419633	.W. 2190550
XC141	9	PROG LOAD RESET CONDITION	2201121	419633	.W. 2190550
XF101	9	FILE SHIFT SP	2201130	419633	.W. 2190550
XF111	9	B REGISTER INVERTER SECTOR FILTER	2201131	415480A	.W. 2190550
XF121	9	FILE RW SEL RW REQ READ CHECK OP	2201122	419613	.W. 2190550
XF131	9	FILE READ WRITE CONDITION	2201123	419659	.W. 2190550
XF141	9	FILE SHIFT GATE	2201124	419633	.W. 2190550
XF151	9	INCR WORD COUNT	2201125	415491	.W. 2190550
XF161	9	FILE WRITE DATA GATE	2201126	419613	.W. 2190550
XF171	9	FILE ACCESS BUSY	2201127	419633	.W. 2190550
XF181	9	FILE SECTOR COUNTER	2201128	415491	.W. 2190550
XF191	9	FILE HEAD SELECT	2201129	415491	.W. 2190550
XF201	9	FILE WORD COUNTER REGISTER	2201132	419613	.W. 2190550
XF211	9	FILE WORD COUNTER REGISTER	2201133	419613	.W. 2190550
XF221	9	FILE CORE ADDRESS REGISTER	2201138	419633	.W. 2190550
XF231	9	FILE CORE ADDRESS REGISTER	2201139	419633	.W. 2190550
XF241	9	FILE BIT COUNTER	2201140	419633	.W. 2190550
XF251	9	FILE CHECK COUNTER	2201141	419633	.W. 2190550
XF261	9	FILE IMPUT BUSS ASSEMBLY	2201142	419633	.W. 2190550
XF271	9	FILE IMPUT BUSS ASS BITS 8-15	2201143	419633	.W. 2190550
XF301	9	FILE DATA REGISTER BITS 0-3	2201134	419633	.W. 2190550
XF311	9	FILE DATA REGISTER BITS 4-7	2201135	419633	.W. 2190550
XF321	9	FILE DATA REGISTER BITS 8-11	2201136	419633	.W. 2190550
XF331	9	FILE DATA REGISTER BITS 12-15	2201137	419633	.W. 2190550
XG101	9	PLOTTER DRUM & CARRIAGE DRIVE	2201145	415483	.W. 2190550
XG111	9	PLOTTER PEN DRIVE	2201146	415485	.W. 2190550
XK101	9	KBD SELECT RESPONSE GATE	2201147	415483	.W. 2190550
XK111	9	KBD RESTORE RESPONSE TGR	2201148	419633	.W. 2190550
XP101	1	PRINTER CARRIAGE CONTROLS	2201152	419659	.W. 2190911
XP111	1	CARRIAGE CHANNEL LATCH	2201153	419622	.W. 2190911
XP121	1	PRINTER RUN AND READY CONTROLS	2201149	415489	.W. 2190911
XP131	1	PRINTER DISC CLOCK	2201150	415496	.W. 2190911

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** LOGIC TYPE SYSTEM DIAGRAMS	0				
XP141	1	PRINTER ADDRESS REGISTER	2201151	419633	.W. 2190911
XP201	1	PRINTER INTERRUPT AND ERROR	2201154	419659	.W. 2190911
XP211	1	PRINTER BUFFER REGISTER	2201155	419633	.W. 2190911
XP221	1	PRINTER BUFFER REGISTER	2201156	419633	.W. 2190911
XP301	1	PRINTER INPUT BUS BITS 0-3	2201157	419633	.W. 2190911
XP311	1	PRINTER INPUT BUS BITS 4-7	2201158	419633	.W. 2190911
XP321	1	PRINTER INPUT BUS BITS 8-15	2201159	419633	.W. 2190911
XP331	1	PRINTER ENTRY	2201225	419633	.W. 2190911
XP341	1	PRINTER EXIT	2201226	415491	.W. 2190911
XR111	9	SRP ENTRY EXIT	2201181	419604	.W. 2190550
XR121	9	SRP ENTRY	2201182	419604	.W. 2190550
XR201	9	SRP START-READY-NPRO LATCHES	2201183	419659	.W. 2190550
XR211	9	SRP MOTOR-FEED CLUTCH LATCHES	2201184	419613	.W. 2190550
XR221	9	SRP FEED INTERLOCK	2201185	419659	.W. 2190550
XR231	9	SRP ERROR CHECK	2201186	419613	.W. 2190550
XR241	9	SRP AREA 2 CONTROL	2201187	419613	.W. 2190550
XR251	9	SRP INCR DRIVE A AND B	2201188	419613	.W. 2190550
XR261	9	SRP PUNCH	2201189	419659	.W. 2190550
XR271	9	SRP PUNCH MAGNET GATES	2201190	419613	.W. 2190550
XR281	9	SRP FEED CB 1-2	2201198	419659	.W. 2190550
XR291	9	SRP READ PUNCH LEVEL 0 RESPONSE	2201199	419613	.W. 2190550
XR301	9	SRP SS 1-SS 2TGR 1-TGR	2201191	419613	.W. 2190550
XR311	9	SRP REGISTER RESET	2201192	419613	.W. 2190550
XR321	9	SRP REGISTER COMPLEMENT BITS	2201193	419613	.W. 2190550
XR331	9	SRP REGISTER COMPLEMENT BITS	2201194	419613	.W. 2190550
XR341	9	SRP BUFFER REGISTER BITS 12-11-10	2201195	419613	.W. 2190550
XR351	9	SRP BUFFER REGISTER BITS 2-3-4-5	2201196	419659	.W. 2190550
XR361	9	SRP BUFFER REGISTER BITS 6-7-8-9	2201197	419659	.W. 2190550
XR371	9	SRP DSW BITS AND DATA BITS	2201200	419613	.W. 2190550
XR381	9	SRP DSW BITS AND DATA BITS	2201201	419613	.W. 2190550
XT101	9	PAPER TAPE PROGRAM LOAD	2201288	419633	.W. 2190550
XT111	9	PAPER TAPE PUNCH BUFFERS 1AB 8TH	2201203	419633	.W. 2190550
XT121	9	PAPER TAPE PUNCH BUFFERS 248 C	2201204	419633	.W. 2190550
XT201	9	PAPER TAPE PUNCH	2201289	415725	.W. 2190550
XT211	9	PAPER TAPE PUNCH BUFFERS DRIVE	2201206	415725	.W. 2190550
XT221	9	PAPER TAPE PUNCH BUFFERS	2201291	419608	.W. 2190550
XT231	9	PAPER TAPE PUNCH CONTROL	2201346	415726	.W. 2190550
XT301	9	PAPER TAPE READ CLUTCH DRIVE	2201292	419608	.W. 2190550
XT311	9	PAPER TAPE READ CONTACTS 1248	2201293	415725	.W. 2190550
XT321	9	PAPER TAPE READ CONTACTS ABC	2201210	419603	.W. 2190550
XT331	9	PAPER TAPE READER OSC & CONTROL	2201287	419609	.W. 2190550
XW101	9	TWR BUSY BUFFER LOAD SP	2201211	415483	.W. 2190550
XW111	9	TWR EOL CR-LF RESET SP	2201212	419607	.W. 2190550
XW121	9	TWR SHIFT UP/DOWN	2201227	415483	.W. 2190550
XW211	9	TWR DRIVE SELECT	2201213	419633	.W. 2190550
XW221	9	TWR DRIVE SELECT	2201214	415499	.W. 2190550

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** LOGIC TYPE SYSTEM DIAGRAMS		0			
XP341	9	PRINTER EXIT	2231435	419631	
XR111	9	SRP ENTRY EXIT	2231251	419631	
XR121	9	SRP ENTRY	2231436	419631	
XR201	9	SRP START-READY NPRO LATCHES	2231253	419631	
XR211	9	SRP MOTOR FEED CLUTCH LATCHES	2231437	419631	
XR221	9	SRP FEED INTLK-CARD PCH STA CD	2231255	419631	
XR231	9	SRP ERROR CHK MISFD STKR JAM-FD	2231256	419631	
XR241	9	SRP AREA 2 CTRL XIO RD XIO FD-PCH	2231257	419631	
XR251	9	SRP INCR DRV A&B STKER SEL-LST PN	2231438	419631	
XR261	9	SRP PUNCH-PCH DATA PROC METER-LST	2231439	419631	
XR271	9	SRP PUNCH MAGNET GATE.	2231440	419631	
XR281	9	SRP FD CB 1-2-LVL 4 RESP PCH CB12	2231261	419631	
XR291	9	SRP RD PCH LVL 0 RESP PCH CB12	2231262	419631	
XR301	9	SRP SS 1-SS 2TGR 1-TGR 2	2231441	419631	
XR311	9	SRP REG RESET COMP SPD RD PCH INT	2231442	419631	
XR321	9	SRP REG COMP BTS 12 11 0 1 2 3	2231443	419631	
XR331	9	SRP REGISTER COMPLEMENT BITS	2231444	419631	
XR341	9	PRINTER EXIT	2231445	419631	
XR351	9	SRP BUFFER REG BITS 2 3 4 5	2231446	419631	
XR361	9	SRP BUFFER REG BITS 6 7 8 9	2231447	419631	
XR371	9	SRP DSW BTS & DATA BTS 01234567	2231270	419631	
XR381	9	SRP DSW BITS & DATA BITS 8-15	2231271	419631	
XT101	9	PAPER TAPE PROGRAM LOAD	2231448	419631	
XT111	9	PAPER TAPE PROG LOAD BUFFERS 0-3	2231449	419631	
XT121	9	PAPER TAPE PROG LOAD BUFFERS 8-11	2231450	419631	
XT201	9	PAPER TAPE PUNCH	2231451	419631	
XT211	9	PT PUNCH BUFFERS DRIVE 1 A B 8TH	2231452	419631	
XT221	9	PAPER TAPE PUNCH BUFFERS DRIVE	2231277	419631	
XT231	9	PAPER TAPE PUNCH CONTROL	2231453	419631	
XT301	9	PT READ CLUTCH DR RDY-BUSY-RESPNE	2231279	419631	
XT311	9	PT READ CONTACTS 1 2 4 8 SOB4567	2231454	419631	
XT321	9	PT READ CNTS ABC 8TH DBTS 0 1 2 3	2231455	419631	
XT331	9	PT READER OSC AND CONTROL	2231282	419631	
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CONSOLE PRINTER	ZW101	2201308

EC 415725

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BR-1 BR-2 A TO M SAMPLE M TO I SAMPLE		KB101	2201013
SKIP SAMPLE BRANCH OUT ADD TO STOR INTLK		KB111	2201014
T CLOCK T 0 T 1 T2 T3 T 0123		KC101	2201015
T CLOCK T 4 T 5 T 6 T 7		KC111	2201016
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CLK ADV M TO I B TO I PH A SAMPLE PULSE DRIVERS		KG111	2201020
IJO TO B A TO B I TO B SAMPLE PULSE DRIVERS		KG121	2201021
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SHIFT LEFT AJQ SAMPLE PULSE DRIVERS		KG141	2201023
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MPY ARITH ACTION E NOT MPY E1 DIV E/E1 LIKE SIGNS REM OK	KT101	2201043
ARITHMETIC SIGN AND ADD	KT111	2201044
MPY E SHIFT CTRL ARITH CTRL	KT121	2201045
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ADD/SUB GT A 15 SHIFT LT ENT SET ARITH CTRL T3 PHASE B	KT201	2201047
A BIT 0 SHIFT RT ENTR SLC SHIFT OP GATE SET DIV OFL	KT301	2201048
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ACCUMULATOR-A REG EQUAL ZERO ARITH FACTOR-D REG EQUAL ZERO	KU101	2201053
ACC INPUT BUSS - I BITS 10-15 CCC 32-1 CARRY OVERFLOW	KU111	2201054
INDEX ADDR 1/2/3 STOP LATCH DIV COUNT 16	KU201	2201055
T AND X CLK/OSC A/PROG LD PWR WAIT NOT STOR LOAD/DISP	KU211	2201056
IX ADDR INHIBIT SAR STX E1 NOT TAG 00 SLC RESET CARRY	KU301	2201057
REGISTER RESET PARITY CHECK CONTROL GATE	KU311	2201058
PROCESSOR USAGE METERS	KW101	2201215

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
1									RPQ X			RPQ X												
2	CON X	PR X 5800000	PR X 4628 5804	PR X 4008 5804	PR X 3794 5803	PR X 0236 5800	PR X 0002 5800	PR X 3794 5803	PR X 3794 5803	PR X 0346 5800	PR X 3028 5803	PR X 0000 5800	CON X											
3	CON X	PR X 0000 5800 S		PR X 3130 5803	PR X 0000 5800	PR X 0509 5800	PR X 0509 5800	PR X 0000 5800	PR X 6250 5806 S	PR X 3028 5803	PR X 3028 5803	CON X	CON X											
4	CON X	CR X 5400	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CAT X 5400	CON X											
5	CR X	CR X 5400	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X 5400	CON X											
6	CR X	CR X 5400	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	CR X	PE X 5400	CAT X											
7	RPQ X	CR X 5400	CR X	CR X	CR X	RPQ X	RPQ X	RPQ X	RPQ X	RPQ X	RPQ X	RPQ X 5400	RPQ X											
8					CON X																			

SYMBOLS

X= NO RULE/SOCKET
E= CONFLICT
S= PORTIONS LEFT

SLDA CHART
DATE 03-13-67 MACH. 1131

LOG 072U BOARD 01A-A1
PREV. ENGR. 08-23-66 419625
PRES. ENGR. 02-24-67 419633
P.N. 2201217

IBM CORP. SDD PLK.

A C O O 1 — A C O O 1 0 0 0 1

```
A2          CONNECTOR
            B03   XP331AK4
            B04   XP331AF2
            B05   XP331AF4
            B07   XP331AF6
            B08   XP331AH1
            B09   XP331AH3
            B10   XP331AH5
            B12   XP331AH7
            B13   XP331AH9
            D02   XP331AK2
            D04   XP101CP4
            D05   XP331AP4
            D06   XP331AM9
            D07   XP331AM7
            D09   XP331AM5
            D10   XP331AP2
            D11   XP331AM1
            D12   XP331AK6
            D13   XP331AP6

A3          CONNECTOR
            B02   XP211AN2
            B03   XP211AQ2
            B04   XP211BE2
            B05   XP211BG2
            B07   XP221AN2
            B08   XP221AQ2
            B09   XP221BE2
            B10   XP221BG2
            B12   XP141BH4
            B13   XP141BJ4
            D02   XP211AP2
            D04   XP211AR2
            D05   XP211BF2
            D06   XP211BH2
            D07   XP221AP2
            D09   XP221AR2
            D10   XP221BF2
            D11   XP221BH2
            D12   XP141BK4
            D13   XP141BL4

A4          CONNECTOR
            B02   XP331AM3
            B03   XP331AB2
            B04   XP331AB4
            B05   XP331AB6
            B07   XP331AD1
            B08   XP331AD3
            B09   XP331AD5
            B10   XP331AD7
            B12   XP331AD9
            B13   XP121BQ4
            D02   XP121AU4
            D04   XP201BJ4
            D05   XP121AW4
            D06   XP121AV4
            D07   XP101BD4
            D09   XP101AZ4
            D10   XP141BD4
            D11   XP141BE4
            D12   XP141BF4
            D13   XP141BG4

A5          SINGLE CARD
                                        CR
        BA001

A6          SINGLE CARD
                                        CR
        BA001

A7          SINGLE CARD
                                        RPQ
        BA000

B2          SINGLE CARD          PR
            5800000 0000

        XP301  A1
        XP201  B1  C1  D1
        XP301  E1
        XP201  F1

B3          SINGLE CARD          PR
            5800000 0000

        XP201  A1  B1  E1  F1

A           UNUSED PORTIONS
B
C           C  D
D

184         SINGLE CARD
                    5400        CR

B4      BA001

B5          SINGLE CARD
                    5400        CR
        BA001

B6          SINGLE CARD
                    5400        CR
        BA001

B7          SINGLE CARD
                    5400        CR
        BA001

C2          DOUBLE CARD          PR
C3          5804628 4628

        XP211  01  04  07  08  09  10
               11  12  13  16  19  20
               21  22  23  24  25  28
               31  32  33  34  35  36
               37  40  43  44  45  46
               47  48
        XP221  49  52  55  56  57  58
               59  60  61  64  67  68
               69  70  71  72  73  76
               79  80  81  82  83  84
               85  88  91  92  93  94
               95  96

C4          SINGLE CARD
                                        CR
        BA001

C5          SINGLE CARD
                                        CR
        BA001

C6          SINGLE CARD
                                        CR
        BA001

C7          SINGLE CARD
                                        CR
        BA001

D2          SINGLE CARD          PR
            5804008 4008

        XP141  A1  A2  A3  A4  A5  A6
               A7  A8  A9  AA  AB  AC
               AD  B1  C1  D1

D3          SINGLE CARD          PR
            5803130 3130

        XP101  A1  A2  A3  A4  B1  B2
               B3  B4  C1  C2  C3  C4
               D1  D2  D3  D4

D4          SINGLE CARD
                                        CR
        BA001

D5          SINGLE CARD
                                        CR
        BA001

D6          SINGLE CARD
                                        CR
        BA001

D7          SINGLE CARD
                                        CR
        BA001

E2          SINGLE CARD          PR
            5803794 3794

        XP141  A1  A2  A3  A4  A5  B1
               B2  B3  B4  B5  B6  B7
               B8  B9  BA

E3          SINGLE CARD          PR
            5800000 0000

        XP141  A1
        XP121  B1
        XP101  C1  D1  E1  F1

E4          SINGLE CARD
                                        CR
        BA001

E5          SINGLE CARD
                                        CR
        BA001

E6          SINGLE CARD
                                        CR
        BA001

E7          SINGLE CARD
                                        CR
        BA001

E8          CONNECTOR
            B04   DU111BE4
            B06   DU101BA4
            E04   KM321BD4

F2          SINGLE CARD          PR
            5800236 0236

        XP101  A1  B1  C1  D1
        XP121  E1  F1

F3          SINGLE CARD          PR
            5800509 0509

        XP121  A1  B1
        XP111  C1
        XP121  D1  E1  F1  G1  H1  J1
        XP101  K1

F4          SINGLE CARD
                                        CR
        BA001

F5          SINGLE CARD
                                        CR
        BA001

F6          SINGLE CARD
                                        CR
        BA001

F7          SINGLE CARD
                                        RPQ
        BA000

G2          SINGLE CARD          PR
            5800002 0002

        XP121  A1
        XP101  B1
        XP121  C1
        XP131  D1
        XP121  E1

G3          SINGLE CARD          PR
            5800509 0509

        XP101  A1  B1
        XP201  C1
        XP101  D1  E1
        XP131  F1
        XP101  G1  H1  J1  K1

G4          SINGLE CARD
                                        CR
        BA001

G5          SINGLE CARD
                                        CR
        BA001

G6          SINGLE CARD
                                        CR
        BA001

G7          SINGLE CARD
                                        RPQ
        BA000

H2          SINGLE CARD          PR
            5803794 3794

        XP201  A1  A2  A3  A4  A5
        XP131  B1  B2  B3  B4  B5  B6
               B7  B8  B9  BA

H3          SINGLE CARD          PR
            5800000 0000

        XP101  A1
        XP201  B1  C1
        XP131  D1  E1  F1

H4          SINGLE CARD
                                        CR
        BA001

H5          SINGLE CARD
                                        CR
        BA001

H6          SINGLE CARD
                                        CR
        BA001

H7          SINGLE CARD
                                        RPQ
        BA000

J1          SINGLE CARD
                                        RPQ
        BA000

J2          SINGLE CARD          PR
            5803794 3794

        XP201  A1  A2  A3  A4  A5  B1
               B2  B3  B4  B5  B6  B7
               B8  B9  BA

J3          SINGLE CARD          PR
            5806250 6250

        XP321  A1
        XP111  A2
        XP321  A3
        XP111  A4
        XP321  A5
        XP111  A6
        XP321  A7
        XP111  A8  A9
        XP321  AA
        XP111  AB
        XP321  AC
        XP111  AD
        XP321  AE
        XP111  AF
        XP321  AG
        XP111  AH  AJ  AK  AL
        XP131  B1  B2  B3
        XP121  C1  D1
        XP101  E1
        XP121  F1
        XP101  G1
        XP131  H1

            UNUSED PORTIONS

            J

J4          SINGLE CARD
                                        CR
        BA001

J5          SINGLE CARD
                                        CR
        BA001

J6          SINGLE CARD
                                        CR
        BA001

J7          SINGLE CARD
                                        RPQ
        BA000

K2          SINGLE CARD          PR
            5800346 0346

        XP131  A1  B1
        XP121  C1  D1  E1  ER
        XP301  F1  FR

K2      XP121  G1  H1

K3          SINGLE CARD          PR
            5803028 3028

        XP301  A1  A2  A3  A4
        XP311  A5  A6  A7  A8

K4          SINGLE CARD
                                        CR
        BA001

K5          SINGLE CARD
                                        CR
        BA001

K6          SINGLE CARD
                                        CR
        BA001

K7          SINGLE CARD
                                        RPQ
        BA000

L2          SINGLE CARD          PR
            5803028 3028

        XP321  A1  A2  A3  A4  A5  A6
               A7  A8

L3          SINGLE CARD          PR
            5803028 3028

        XP301  A1  A2  A3  A4
        XP311  A5  A6  A7
        XP301  A8

L4          SINGLE CARD
                                        CR
        BA001

L5          SINGLE CARD
                                        CR
        BA001

L7          SINGLE CARD
                                        RPQ
        BA000

M1          SINGLE CARD
                                        RPQ
        BA000

M2          SINGLE CARD          PR
            5800000 0000

        XP121  A1  B1  C1  D1  E1
        XP201  F1

M3          CONNECTOR
            B02   RB301AA4
            B03   RB301AC4
            B04   RB301AE4
            B05   RB301AG4
            B07   RB311AA4
            B08   RB311AC4
            B09   RB311AE4
            B10   RB311AG4
            B12   KU211AD4
            B13   KU211AC4
            D02   RB301AB4
            D04   RB301AD4
            D05   RB301AF4
            D06   RB301AH4
            D07   RB311AB4
            D09   RB311AD4
            D10   RB311AF4
            D11   RB311AH4
            D12   KU211AA4
            D13   KU211AB4

M4          SINGLE CARD
                    5400        CAT
        BA001

M5          SINGLE CARD

M5                  5400        CR
        BA001

M6          SINGLE CARD
                    5400        PE
        BA000

M7          SINGLE CARD
                    5400        RPQ
        BA000

N2          CONNECTOR
            B03   BB101AA4
            B04   BB101AC4
            B05   BB111AB4
            B06   BB121AA4
            B07   BB121AC4
            B08   BE131AB4
            B09   BB131AD4
            B10   BB141AB4
            B11   XP201BE4
            B12   DU101AA4
            B13   DU101AB4
            D02   BB101AB4
            D03   BB111AA4
            D04   BB111AC4
            D05   BB121AB4
            D06   BB131AA4
            D07   BB131AC4
            D09   BB141AA4
            D10   BB141AC4
            D11   DU111AC4
            D12   DU111AB4
            D13   DU111AA4

N3          CONNECTOR
            B02   RB301AA4
            B03   RB301AC4
            B04   RB301AE4
            B05   RB301AG4
            B07   RB311AA4
            B08   RB311AC4
            B09   RB311AE4
            B10   RB311AG4
            B12   KU211AD4
            B13   KU211AC4
            D02   RB301AB4
            D04   RB301AD4
            D05   RB301AF4
            D06   RB301AH4
            D07   RB311AB4
            D09   RB311AD4
            D10   RB311AF4
            D11   RB311AH4
            D12   KU211AA4
            D13   KU211AB4

N4          CONNECTOR
            B02   XP141AQ2
            B03   XP141AR2
            B04   XP141AS2
            B05   KM211AS4
            B07   XP131AN6
            B08   KM211AV4

N5          CONNECTOR
            B03   DU111BC4
            B08   DU101BB4
            B09   DU101BD4
            B10   KM211AN6
            D07   KU101AQ4
            D09   KU201AP4
            D10   DU101AY4
            D11   DU111AM4
            D12   XP201BM4

N6          SINGLE CARD
                                        CAT
        BA001

N7          SINGLE CARD
                                        RPQ
        BA000
```

PLUG LIST

PART NO	ACC	TYPE	SOCKETS			TOTAL
5800000	PR	0000	B2	B3	E3 H3	05
			M2			
5800002	PR	0002	G2			01
5800236	PR	0236	F2			01
5800346	PR	0346	K2			01
5800509	PR	0509	F3	G3		02
5803028	PR	3028	K3	L2	L3	03
5803130	PR	3130	D3			01
5803794	PR	3794	E2	H2	J2	03
5804008	PR	4008	D2			01
5804628	PR	4628	C2			01
5806250	PR	6250	J3			01
		CONN	A2	A3	A4 E8	09
			M3	N2	N3 N4	
			N5			
	CAT	5400	M4			01
	CAT		N6			01
	CR	5400	B4	B5	B6 B7	05
			M5			
	CR		A5	A6	C4 C5	32
			C6	C7	D4 D5	
			D6	D7	E4 E5	
			E6	E7	F4 F5	
			F6	G4	G5 G6	
			H6	H5	H6 J4	
			J5	J6	K4 K5	
			K6	L4	L5 L6	
	PE	5400	M6			01
	RPQ	5400	M7			01
	RPQ		A7	F7	G7 H7	10
			J1	J7	K7 L7	
			M1	N7		

```
        SOCKET LISTING
  DATE 03-13-67  MACH. 1131

  LOG  072L'        BOARD 01A-A1
PREV. ENGR. 08-23-66  419625
PRES. ENGR. 03-24-67  419633
P.N. 2201217  SDD

IBM CORP.   SDD   BLK.
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	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
1	CON X	CON X	CON X	CON X	CON X	CON X	CON X		RPQ X			RPQ X												
2	CON X	5803028 C567 3028 X	5803028 C67 3028 X	5803028 C67 3028 X	5803028 C67 3028 X	5800000 0000 X	5806221 C567 6221 X	5806221 C567 6221 X	5806221 C567 6221 X	5804005 C567 4005 X	5804005 C567 4005 X	5803404 C567 3404 X	CON X											
3	CON X	5807310 C567 7310 X	5803656 C567 3656 X	5804025 C567 4025 X	5804025 C567 4025 X	5803794 C567 3794 X	5800247 C567 0247 X	5803794 C567 3794 X	5800000 C567 0000 X	5803816 C567 3816 X	5803757 C567 3757 X	5806225 C567 6225 X	CON X											
4	CON X	5803129 PTR 3129 X	5803130 C567 3130 X S	5803130 C567 3130 X	5803421 C567 3421 X	5803794 C567 3794 X	5803686 C567 3686 X S	5803794 C567 3794 X	5800000 C567 0000 X	5803794 C567 3794 X	5803421 C567 3421 X		PE X											
5	CON X	5803028 PTR 3028 X	5800236 PTL 0236 X	5800236 PTL 0236 X	5806221 PTL 6221 X	5806221 PTL 6221 X	5803028 PTR 3028 X	5803794 PTL 3794 X	5803794 PTR 3794 X	5803763 PTP 3763 X	5803421 PTP 3421 X	5803819 PTP 3819 X	CON X											
6	CON X	5803129 PTR 3129 X	5803763 PTR 3763 X	5800000 PTR 0000 X	5800000 PTL 0000 X S	5803794 PTRP 3794 X	5803816 PTR 3816 X S	5803757 PTR 3757 X	5800000 PTP 0000 X	5803734 PTRP 3734 X	PE X	5804010 0410 X	CON X											
7	RPQ X	RPQ X	RPQ X	RPQ X	5800000 PTL 0000 X S	5803794 PTP 3794 X	5800000 PTR 0000 X	5803794 PTRP 3794 X	5803819 PTRP 3819 X		PE X	5800000 PTRP 0000 X	CON X											
8																								

SYMBOLS

X= NO RULE/SOCKET
E= CONFLICT
S= PORTIONS LEFT

SLDA CHART
DATE 03-13-67 MACH. 1131

LOG 072U BOARD 01A-B1
PREV. ENGR. 10-14-66 419623
PRES. ENGR. 02-24-67 419633
P.N. 2201218

IBM CORP. SDD BLK.

A C 0 0 2 2 0 0 0

A1 CONNECTOR
E09 BB101AB4
E11 BB111AA4

A2 CONNECTOR
B03 BB101AA4
B04 BB101AC4
B05 BB111AB4
B06 BB121AA4
B07 BB121AC4
B08 BB131AB4
B09 BB131AD4
B10 BB141AB4
B11 KM301BM4
B12 DU101AA4
B13 DU101AB4
D02 BB101AB4
D03 BB111AA4
D04 BB111AC4
D05 BB121AB4
D06 BB131AA4
D07 BB131AC4
D09 BB141AA4
D10 BB141AC4
D11 DU111AC4
D12 DU111AB4
D13 DU111AA4

A3 CONNECTOR
B02 XR261BG4
B03 XR271AG4
B04 XR271AB4
B05 XR271AC4
B07 XR271AK4
B08 XR271AL4
B09 XR271AF4
B10 XR211AW4
B12 XR111AT4
B13 XR111AR4
D02 XR271AA4
D04 XR271AH4
D05 XR271AJ4
D06 XR271AD4
D07 XR271AE4
D09 XR271AM4
D10 XR111AT6
D11 XR211AV4
D12 XR111AT2
D13 XR201BE4

A4 CONNECTOR
B02 XR251BK2
B03 XR231AX4
B04 XR231AT4
B05 XR231BF2
B07 XR231AU4
B08 XR261AK4
B09 XR291BA2
B12 XR111AR6
B13 XR121AD5
D02 XR251BJ2
D04 XR291AZ2
D06 XR231AV4
D07 XR251BQ4
D09 XR231AW4
D12 XR111AR2

A5 CONNECTOR
B03 DU111BC4
B08 DU101BB4
B09 DU101BD4
B10 KA111AN6
D07 KW101AQ4
D09 KU201AP4
D10 DU101AY4
D11 DU111AM4
D12 KA111BF2

A6 CONNECTOR
B02 XT331AT4
B03 XT311BS4
B04 XT311BW4
B05 XT311BV4
B10 XT321BR4
B12 XT321BN4
D02 XT331AR4
D06 XT331AP4
D07 XT311BU4
D09 XT311BT4
D12 XT321BP4
D13 XT321BQ4

A7 SINGLE CARD RPQ
A
C
0 BA000
0
2B1 CONNECTOR
A09 BB111AA4
A11 BB101AA4

B1
B09 BB111AC4
B11 BB101AC4
C09 BB121AB4
C11 BB111AB4
D09 BB131AA4
D11 BB121AA4
E09 BB131AC4
E11 BB121AC4

B2 SINGLE CARD C567
5803028 3028

XR371 A1 A2 A3
XR381 A4 A5
XR371 A6
XR291 A7
XR371 A8 A9

B3 DOUBLE CARD C567
B4 5807310 7310

XR201 01 02 03 04 05 06
07 08 09 10 13 14
15 16 17 16 19 20
21 22 23 24 25 26
XR211 27 30 31 32 33 34
35 36 37 38 39 40
41 42 43 44 45 46
47 48 49 B1 B2
XR201 C1

B5 SINGLE CARD PTR
5803028 3028

XT321 A1 A2 A3 A4
XT311 A5 A6 A7 A8

B6 SINGLE CARD PTR
5803129 3129

XT321 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
XT311 B1 B2 B3 B4 B5 B6
B7 B8 B9 BA BB BC
BD BE BF

B7 SINGLE CARD RPQ

BA000

C1 CONNECTOR
A11 BB131AB4
B09 BB141AA4
B11 BB141AD4
C09 BB141AC4
C11 BB141AB4
D09 XC141BL4
E09 XC141BM4
E11 BB121AA4

C2 SINGLE CARD C67
5803028 3028

XR371 A1 A2 A3 A6 A9

C3 SINGLE CARD C567
5803656 3656

XR221 A1
XR261 B1
XR221 C1 C2 D1 D2

C4 SINGLE CARD C567
5803130 3130

XR221 B1 B2 B3 B4
XR261 C1 C2 C3 C4
XR221 D1 D2 D3 D4

UNUSED PORTIONS

A

C5 SINGLE CARD PTPL
5800236 0236

XT101 A1
XT121 B1 C1 D1
XT101 E1
XT121 F1

C6 SINGLE CARD PTR
5803763 3763

XT311 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20
XT321 21 22 23 24 25 26

C6 27 28 29 30 31 32
33 34 35 36 37 38
39 40

C7 SINGLE CARD RPQ

BA000

D1 CONNECTOR
A09 XR291BB4
E09 XC141AX6
E11 DU101BD4

D2 SINGLE CARD C67
5803028 3028

XR371 A1 A2
XR381 A3 A4 A5
XR371 A6
XR381 A9

D3 SINGLE CARD C567
5804025 4025

XR271 A1 A2 A3 A4 B1 B2
B3 B4 B5

D4 SINGLE CARD C567
5803130 3130

XR231 A1 A2 A3 A4 B1 B2
B3 B4 C1 C2 C3 C4
D1 D2 D3 D4

D5 SINGLE CARD PTPL
5800236 0236

XT101 A1
XT111 B1 C1 D1
XT101 E1
XT111 F1

D6 SINGLE CARD PTR
5800000 0000

XT331 A1
XT301 B1 C1 D1 E1 F1

D7 SINGLE CARD RPQ

BA000

E1 CONNECTOR
A11 DU111AJ4
B09 DU101BE4
B11 DU101BB4
C09 DU101BC4
C11 DU101AZ4
D09 DU101AY4
D11 DU101BD4
E09 DU101BA4
E11 DU111AY4

E2 SINGLE CARD C67
5803028 3028

XR381 A1 A2 A3 A4 A5 A6
XR241 A7
XR381 A8 A9

E3 SINGLE CARD C567
5804025 4025

XR271 A2 A3 A4
XR251 B1
XR241 B2 B3 B4 B5

E4 SINGLE CARD C567
5803421 3421

XR231 A1 B1
XR201 C1
XR221 D1
XR201 E1
XR261 F1
XR221 G1
XR241 H1
XR261 J1
XR241 K1

E5 SINGLE CARD PTPL
5806221 6221

XT121 A2 A3 A4 A5 A6 A8
A9 AA AB AC AE AF
AG AH AJ AL AM AN
AP AQ

E6 SINGLE CARD PTPL
5800000 0000

XT101 A1
XT301 C1
XT101 D1 E1
XT301 F1

UNUSED PORTIONS

B

E7 SINGLE CARD PTPL
5800000 0000

XT221 A1 B1 C1 D1
XT101 E1

UNUSED PORTIONS

F

F1 CONNECTOR
A11 DU111AZ4
B09 DU101AA4
B11 DU111AM4
C09 DU101AB4
C11 XR281AT6
D09 DU111AC4
D11 XR281AT6
E09 DU111AB4
E11 DU111BC4

F2 SINGLE CARD
5800000 0000

BA101 A1 B1 C1 D1 E1 F1

F3 SINGLE CARD C567
5803794 3794

XR241 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

F4 SINGLE CARD C567
5803794 3794

XR251 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5
XR261 B6 B7 B8 B9 BA

F5 SINGLE CARD PTPL
5806221 6221

XT111 A2 A3 A4 A5 A6 A8
A9 AA AB AC AE AF
AG AH AJ AL AM AN
AP AQ

F6 SINGLE CARD PTRP
5803794 3794

XT301 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5
XT201 B6 B7 B8 B9 BA

F7 SINGLE CARD PTP
5803794 3794

XT231 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

G1 CONNECTOR
A09 DU111AA4
A11 KM301BM4

G2 SINGLE CARD C567
5806221 6221

XR341 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV AW

G3 SINGLE CARD C567
5800247 0247

XR231 A1
XR261 B1
XR241 C1

G4 SINGLE CARD C567
5803686 3686

XR241 A1 B1
XR261 C1 D1 E1

G4 XR221 F1
XR371 G1
XR261 J1
XR381 K1

UNUSED PORTIONS

H

G5 SINGLE CARD PTRP
5803028 3028

XT301 A1
XT201 A2 A3 A4
XT301 A5
XT201 A6
XT301 A7 A8 A9

G6 SINGLE CARD PTR
5803816 3816

XT301 B1 B2

UNUSED PORTIONS

A

G7 SINGLE CARD PTR
5800000 0000

XT331 A1 B1 C1 D1 E1 F1

H2 SINGLE CARD C567
5806221 6221

XR351 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV AW

H3 SINGLE CARD C567
5803794 3794

XR251 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

H4 SINGLE CARD C567
5803794 3794

XR231 A1 A2 A3 A4 A5
XR291 B1 B2 B3 B4 B5 B6
B7 B8 B9 BA

H5 SINGLE CARD PTPL
5803794 3794

XT101 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

H6 SINGLE CARD PTR
5803757 3757

XT101 A1 A3 A8 A9 AC AD
XT301 B1 B2 C1 C2

H7 SINGLE CARD PTRP
5803794 3794

XT331 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

J1 SINGLE CARD RPQ

BA000

J2 SINGLE CARD C567
5806221 6221

XR361 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV AW

J3 SINGLE CARD C567
5800000 0000

XR201 A1
XR371 B1
XR381 C1
XR301 D1
XR201 E1 F1

J4 SINGLE CARD C567
5800000 0000

XR281 A1
XR261 B1 C1
XR291 D1
XR211 E1
XR261 F1

J5 SINGLE CARD PTRP
5803794 3794

XT331 A1 A2 A3 A4 A5
XT231 B1 B2 B3 B4 B5 B6
B7 B8 B9 BA

J6 SINGLE CARD PTP
5800000 0000

XT231 A1
XT201 B1 C1
XT231 D1
XT201 E1 F1

J7 SINGLE CARD PTRP
5803819 3819

XT331 A1
XT201 A2
XT331 A3 A4

K2 SINGLE CARD C567
5804005 4005

XR321 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ

K3 SINGLE CARD C567
5803816 3816

XR301 A1 A2 B1 B2

K4 SINGLE CARD C567
5803794 3794

XR281 A1 A2 A3 A4 A5
XR291 B1 B2 B3 B4 B5 B6
B7 B8 B9 BA

K5 SINGLE CARD PTP
5803763 3763

XT211 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20
XT221 21 22 23 24 25 26
27 28 29 30 31 32
33 34 35 36 37 38
39 40

K6 DOUBLE CARD PTRP
K7 5803734 3734

XT331 A1 B1

L2 SINGLE CARD C567
5804005 4005

XR331 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ

L3 SINGLE CARD C567
5803757 3757

XR311 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AC AD
AE AF B1 B2 C1 C2

L4 SINGLE CARD C567
5803421 3421

XR211 A1
XR251 B1 C1
XR281 D1 E1
XR301 F1 G1
XR281 H1
XR301 J1 K1

L5 SINGLE CARD PTP
5803421 3421

XT201 A1
XT231 B1
XT221 C1 D1 E1
XT211 F1

L5 XT221 G1
XT211 H1 J1 K1

L6 SINGLE CARD PE

BA000

L7 SINGLE CARD PE

BA000

M1 SINGLE CARD RPQ

BA000

M2 SINGLE CARD C567
5803404 3404

XR221 A1 A2
XR241 B1 B2
XR221 C1 C2 D1 D2 E1 E2

M3 DOUBLE CARD C567
M4 5806225 6225

XR301 01 02 03 04 05 06
07
XR261 08 09 10 11
XR301 12 13 14 15
XR261 16 17 18 19
XR301 20 21
XR261 22 23
XR311 24 25 26
XR301 27 28 29
XR281 30
XR251 31
XR371 32
XR281 33
XR221 34
XR281 35
XR251 36
XR281 37 38
XR221 39 40
XR281 41 42
XR251 43 44
XR281 45
XR221 46
XR281 47
XR251 48
XR281 49
XR221 50
XR281 51
XR251 52
XR281 53
XR231 54

M5 SINGLE CARD PTP
5803819 3819

XT221 A1 A2 A3
XT211 A4
XT221 A5
XT211 A6 A7 A8

M6 SINGLE CARD
5800410 0410

RB321 A1 B1 C1 D1 E1 F1
G1 H1 J1 K1 L1 M1
N1 P1 Q1 R1 S1 T1
U1 V1

M7 SINGLE CARD PTRP
5800000 0000

XT301 A1 B1
XT101 C1
XT211 D1
XT101 E1
XT211 F1

N2 CONNECTOR
B02 XR111AV2
B03 XR111AV6

SOCKET LISTING
DATE 05-25-68 MACH. 1131

LOG 150J BOARD 01A-B1
PREV. ENGR. 02-24-67 419633
PRES. ENGR. 07-21-68 419659
P.N. 2201218

IBM CORP. SDD BLK.

A C 0 0 2 000

N2	B04	XR111AX2
	B05	XR111AX6
	B07	XR121AB4
	B08	XR121AD1
	B09	XR121AD3
	B10	XR121AK4
	B12	XR121AM2
	B13	XR121AM6
	D02	XR111AV4
	D04	XR111AX4
	D05	XR111AX8
	D06	XR121AB2
	D07	XR121AB6
	D09	XR121AK2
	D10	XR121AK6
	D11	XR121AK8
	D12	XR121AM4
	D13	XR121AM8
N3	CONNECTOR	
	B02	XR121AP2
	B03	XR121AP6
	B04	XR121AP8
	B08	XR121AD7
	B09	XR121AF2
	B10	XR121AF4
	B12	XR121AH3
	B13	XR121AH7
	D02	XR121AP4
	D09	XR121AH5
	D10	XR121AH1
	D12	XR121AF6
	D13	XR121AH9
N4	SINGLE CARD	
		PE
	BA000	
N5	CONNECTOR	
	B03	XT201BE4
	B07	XT211AX4
	B08	XT211AZ4
	B09	XT221AU4
	B10	XT221AZ4
	B13	XT221AW4
	D04	XT201AW4
	D06	XT211AU4
	D07	XT211AW4
	D10	XT221AX4
N6	CONNECTOR	
	B03	RB301AA4
	B04	RB301AC4
	B05	RB301AE4
	B06	RB301AG4
	B07	RB311AA4
	B08	RB311AC4
	B09	RB311AE4
	B10	RB311AG4
	B11	KU211AE4
	B12	KU211AD4
	B13	KU211AC4
	D02	RB301AB4
	D03	RB301AD4
	D04	RB301AF4
	D05	RB301AH4
	D06	RB311AB4
	D07	RB311AD4
	D09	RB311AF4
	D10	RB311AH4
	D12	KU211AA4
	D13	KU211AB4
N7	CONNECTOR	
	B03	XK101AV4
	B04	KT321BC2
	B05	DN201BF4
	B09	KT321BA4
	B10	KA111AN6
	D02	XC141AA4
	D03	KU311AU4
	D04	XT301AL4
	D05	XT301BH4
	D06	XC141AF4
	D07	KW101AQ4
	D09	KU201AP4
	D11	KR111BD4
	D12	KA111BF2

ACOO2

PLUG LIST

PART NO	ACC	TYPE	SOCKETS				TOTAL
5800000		0000	F2				01
5800000	C567	0000	J3	J4			02
5800000	PTPL	0000	E6	E7			02
5800000	PTP	0000	J6				01
5800000	PTRP	0000	M7				01
5800000	PTR	0000	D6	G7			02
5800236	PTPL	0236	C5	D5			02
5800247	C567	0247	G3				01
5800410		0410	M6				01
5803028	C567	3028	B2				01
5803028	C67	3028	C2	D2	E2		03
5803028	PTRP	3028	G5				01
5803028	PTR	3028	B5				01
5803129	PTR	3129	B6				01
5803130	C567	3130	C4	D4			02
5803404	C567	3404	M2				01
5803421	C567	3421	E4	L4			02
5803421	PTP	3421	L5				01
5803656	C567	3656	C3				01
5803686	C567	3686	G4				01
5803734	PTRP	3734	K6				01
5803757	C567	3757	L3				01
5803757	PTR	3757	H6				01
5803763	PTP	3763	K5				01
5803763	PTR	3763	C6				01
5803794	C567	3794	F3	F4	H3	H4	05
			K4				
5803794	PTPL	3794	H5				01
5803794	PTP	3794	F7				01
5803794	PTRP	3794	F6	H7	J5		03
5803816	C567	3816	K3				01
5803816	PTR	3816	G6				01
5803819	PTP	3819	M5				01
5803819	PTRP	3819	J7				01
5804005	C567	4005	K2	L2			02
5804025	C567	4025	D3	E3			02
5806221	C567	6221	G2	H2	J2		03
5806221	PTPL	6221	E5	F5			02
5806225	C567	6225	M3				01
5807310	C567	7310	B3				01
		CONN	A1	A2	A3	A4	17
			A5	A6	B1	C1	
			D1	E1	F1	G1	
			N2	N3	N5	N6	
			N7				
	PE		L6	L7	N4		03
	RPQ		A7	B7	C7	D7	06
			J1	M1			

SOCKET LISTING
DATE 05-25-68 MACH. 1131

LOG 150J BOARD 01A-B1
PREV. ENGR. 02-24-67 419633
PRES. ENGR. 07-21-68 419659
P.No. 2201218

IBM CORP. SDD BLK.

ACOO2000

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
1	CONN X	CONN X	CONN X	CONN X	CONN X	CONN X	CONN X		RPQ X			RPQ X												
2	CONN X	5804615 4615 X	5804615 4615 X	5800000 0000 X	5803794 3794 X	5800533 0533 X	5800716 0716 EXP X S	EXP X	EXP X	RPQ X	PE X	RPQ X	CONN X											
3	CONN X			5800509 0509 X	5803816 3816 X	5804008 4008 X	5804008 4008 X	5803016 3016 X	5803421 3421 EXP X S	SAC X	SAC X	CAT X	CONN X											
4	CONN X	5803819 3819 X	5806208 X	5803404 3404 X	5800000 0000 X	5803794 3794 X	5800236 0236 X	5800000 0000 X	5804628 DISK X	5803028 3028 DISK X	5800000 0000 DISK X S	5806223 PL X	CONN X											
5	CONN X	5803819 3819 X		5803819 3819 X	5800000 0000 X	5803816 3816 X	5803421 3421 X	5803794 3794 X		5803028 3028 DISK X	5803028 3028 DISK X		CONN X											
6	CONN X	CONN X	RPQ X	5803016 3016 DISK X	5800000 0000 DISK X	5800453 0453 X S	5803793 3793 DISK X	5803757 3757 DISK X	5806217 6217 DISK X	5806218 6218 DISK X	5806219 6219 DISK X	5806220 6220 DISK X	CONN X											
7	CONN X	RPQ X	RPQ X	RPQ X	5800000 0000 DISK X	5800000 0000 X	5803356 3356 X	5800000 0000 X					CONN X											
8					CONN X																			

SYMBOLS

X= NO RULE/SOCKET
E= CONFLICT
S= PORTIONS LEFT

SLDA CHART
DATE 03—13—67 MACH. 1131

LOG 072U BOARD 01A—C1
PREV. ENGR. 05—30—66 419613
PRES. ENGR. 02—24—67 419633
P.N. 2201219

IBM CORP. SDD BLK.

ACO03

ACO03

000

A1 CONNECTOR
E09 BB101AB4
E11 BB111AA4

A2 CONNECTOR
B02 XC101BN4
B03 XC101BP4
B04 XC101BQ4
B05 XC101BR4
B07 XC111BF4
B08 XC111BG4
B09 XC111BH4
B10 XC111BJ4
D02 XC121BS4
D04 XC121BT4
D05 XC121BU4
D06 XC121BV4
D07 XC131BE4
D09 XC131BF4
D10 XC131BG4
D11 XC131BH4

A3 CONNECTOR
B02 XC111BB7
B03 XC111BB5
B04 XC111BB3
B05 XC111BB1
B07 XC111AY4
B08 XC111BD4
B09 XC111AE4
B10 XC111AF4
B12 XK111AV4
D02 XC131BB7
D04 XC131BB5
D05 XC131BB3
D06 XC131BB1
D07 XC131AY4
D09 XC131BD4
D10 XC131AE4
D11 XC131AF4
D12 XK111AU4
D13 XK111AT4

A4 CONNECTOR
B02 XW211BF4
B03 XW211BM4
B04 XW221BH4
B05 XW221BL4
B07 XW211BJ4
B08 XW121AP4
B09 XW111AH4
B10 XW211BL4
B12 XW221BJ4
B13 XW121AX4
D02 XW211BH4
D04 XW211BK4
D05 XW221BF4
D06 XW221BK4
D07 XW211BG4
D09 XW121AU4
D10 XW101AD4
D11 XW211BN4
D12 XW121AA4
D13 XW221BG4

A5 CONNECTOR
B13 KW101AF2
D02 XC121BR4
D05 XC141BN6
D06 XC141BN2
D07 DN201BF4
D09 KW101AP4
D10 XK101AS4
D11 XF131BF4
D12 KR111BG4
D13 XW121AB4

A6 CONNECTOR
B03 RB301AA4
B04 RB301AC4
B05 RB301AE4
B06 RB301AG4
B07 RB311AA4
B08 RB311AC4
B09 RB311AE4
B10 RB311AG4
B11 KU211AE4
B12 KU211AD4
B13 KU211AC4
D02 RB301AB4
D03 RB301AD4
D04 RB301AF4
D05 RB301AH4
D06 RB311AB4
D07 RB311AD4
D09 RB311AF4
D10 RB311AH4
D12 KU211AA4
D13 KU211AB4

A7 CONNECTOR
B03 XK101AV4
B04 KT321BC2
B05 DN201BF4
B09 KT321BA4
B10 KA111AN6
D02 XC141AA4
D03 KU311AU4
D04 XT301AL4
D05 XT301BH4
D06 XC141AF4
D07 KW101AQ4
D09 KU201AP4
D11 KR111BD4
D12 KA111BF2

B1 CONNECTOR
A09 BB111AA4
A11 BB101AA4
B09 BB111AC4
B11 BB101AC4
C09 BB121AB4
C11 BB111AB4
D09 BB131AA4
D11 BB121AA4
E09 BB131AC4
E11 BB121AC4

B2 DOUBLE CARD
B3 5804615 4615

XC101 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
31 32
XC111 33 34 35 36 37 38
39 40 41 42 43 44
45 46 47 48 49 50
51 52 53 54
XW121 B1
XC121 C1
XK111 D1
XC141 E1

B4 SINGLE CARD
5803819 3819

XW121 A1
XW211 A2 A3
XW221 A4 A5 A6
XW211 A7 A8

B5 SINGLE CARD
5803819 3819

XW121 A1
XW211 A2 A3
XW221 A4 A5 A6
XW211 A7 A8

B6 CONNECTOR
B02 RB301AA4
B03 RB301AC4
B04 RB301AE4
B05 RB301AG4
B07 RB311AA4
B08 RB311AC4
B09 RB311AE4
B10 RB311AG4
D02 RB301AB4
D04 RB301AD4
D05 RB301AF4
D06 RB301AH4
D07 RB311AB4
D09 RB311AD4
D10 RB311AF4
D11 RB311AH4

B7 SINGLE CARD
RPQ
BA000

C1 CONNECTOR
A11 PB131AB4
B09 BB141AA4
B11 BB131AD4
C09 BB141AC4
C11 BB141AB4
D09 XC141BL4
E09 XC141BM4
E11 BB121AA4

C2 DOUBLE CARD
C3 5804615 4615

XC121 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
31 32
XC131 33 34 35 36 37 38
39 40 41 42 43 44
45 46 47 48 49 50
51 53 54
XW121 B1
XC121 C1
XK111 D1
XC141 E1

C4 DOUBLE CARD
C5 5806208 6208

XW211 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20
XW221 21 22 23 24 25 26
27 28 29 30 31 32
33 34 35
XW101 36 37 38 39 40
XW221 41 42 43 44
XW211 45 46 47 48 49 50
51 52
XW221 53 54 55 56 57 58
59
XW101 B1
XW111 C1

C6 SINGLE CARD
RPQ
BA000

C7 SINGLE CARD
RPQ
BA000

D1 CONNECTOR
A09 XR291BB4
E09 XC141AX6
E11 DU101BD4

D2 SINGLE CARD
5800000 0000

XF191 A1
XK101 B1
XK111 C1
XK101 D1 E1 F1

D3 SINGLE CARD
5800509 0509

XK101 A1
XK111 B1 C1
XK101 D1 E1
XK111 F1 G1
DU111 H1 J1
XW111 K1

D4 SINGLE CARD
5803404 3404

XW101 A1 A2 B1 B2
XW111 C1 C2 D1 D2
XW101 E1 E2

D5 SINGLE CARD
5803819 3819

KR111 A3
KW101 A4
XF131 A5
XW121 A6
XK101 A7
XK111 A8

D6 SINGLE CARD DISK
5803016 3016

XF111 A1 A2 A3 A4 A5 A6
A7 A8 A9

D7 SINGLE CARD
RPQ
BA000

E1 CONNECTOR
A11 DU111AJ4
B09 DU101BE4
B11 DU101BB4
C09 DU101BC4
C11 DU101AZ4
D09 DU101AY4
D11 DU101BD4
E09 DU101BA4
E11 DU111AY4

E2 SINGLE CARD
5803794 3794

XK101 A1 A2 A3 A4 A5
XK111 B1 B2 B3 B4 B5 B6
B7 B8 B9 BA

E3 SINGLE CARD
5803816 3816

XK101 A1 A2 B1 B2

E4 SINGLE CARD
5800000 0000

XW101 A1 B1
XW111 C1
XK111 D1
XW121 E1 F1

E5 SINGLE CARD
5800000 0000

XC141 A1
XW101 B1
XW121 C1 D1 E1 F1

E6 SINGLE CARD DISK
5800000 0000

XF141 A1
XF171 B1 C1
XF151 D1
XF121 E1
XF161 F1

E7 SINGLE CARD DISK
5800000 0000

XF171 A1
XF141 B1 C1 D1
XF171 E1
XF121 F1

E8 CONNECTOR
A06 XC141BR4
B04 DU111BE4
B06 DU101BA4
E04 KM321BD4

F1 CONNECTOR
A11 DU111AZ4
B09 DU101AA4
B11 DU111AM4
C09 DU101AB4
C11 XR281AT6
D09 DU111AC4
D11 XR281AT6
E09 DU111AB4
E11 DU111BC4

F2 SINGLE CARD
5800533 0533

DU111 A1 A2 B1 B2
DU101 C1
DU111 D1

F3 SINGLE CARD
5804008 4008

DU111 A2 A3 A4 A5 A6 A7
A8 AA AB AC AD B1
C1 D1

F4 SINGLE CARD
5803794 3794

XW111 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5 B6 B7
B8 B9 BA

F5 SINGLE CARD
5803816 3816

XW101 A1 A2 B1 B2

F6 SINGLE CARD
5800453 0453

XC141 A1 E1 E2 F1 F2 G1
G2
XW111 H1 H2

UNUSED PORTIONS
B C D

F7 SINGLE CARD
5800000 0000

XW121 A1
XW101 B1
KW101 C1
XK101 D1
XW121 E1
XW101 F1

G1 CONNECTOR
A09 DU111AA4
A11 KM301BM4

G2 SINGLE CARD EXP
5800716 0716

DU111 A1 A2

UNUSED PORTIONS
B C

G3 SINGLE CARD
5804008 4008

DU101 A1 A2 A3 A4 A5 A6
A7 A9 AA AB AC AD
B1 C1 D1

G4 SINGLE CARD
5800236 0236

DU101 A1 B1 C1
XW111 D1
XK101 E1
XT201 F1

G5 SINGLE CARD
5803421 3421

DU101 A1 B1
XW121 C1
XW101 D1
XW121 E1
XW101 F1
XW121 G1 H1 J1
XW101 K1

G6 SINGLE CARD DISK
5803793 3793

XF211 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
31 32 33 34 35 36
37 38 39 40 41 42
43

G7 SINGLE CARD
5803356 3356

KW101 A1 A2 A3 A4 A5 A6
B1 B2

H2 SINGLE CARD EXP
BA001

H3 SINGLE CARD
5803016 3016

DU111 A1 A2 A3 A4 A5
DU101 A6 A7 A8 A9

H4 SINGLE CARD
5800000 0000

DU101 A1
XC141 B1 C1
XW211 D1
XC141 E1 F1

H5 SINGLE CARD
5803794 3794

XF111 A1 A2 A3 A4 A5
XC141 B1 B2 B3 B4 B5 B6
B8 B9 BA

H6 SINGLE CARD DISK
5803757 3757

XF101 A1 A3 A5 A6 A7 A8
A9 AA AC AD AE AF

H6 B1 B2 C1 C2

H7 SINGLE CARD
5800000 0000

XF251 A1 B1
XF171 C1
XF251 D1
XC141 E1
XW101 F1

J1 SINGLE CARD
RPQ
BA000

J2 SINGLE CARD
EXP
BA001

J3 SINGLE CARD EXP
5803421 3421

DU111 A1
XC141 G1

UNUSED PORTIONS
B C D E F H J K

J4 DOUBLE CARD DISK
J5 5804628 4628

XF301 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
XF311 25 26 27 28 29 30
31 32 33 34 35 36
37 38 39 40 41 42
43 44 45 46 47 48
XF321 49 50 51 52 53 54
55 56 57 58 59 60
61 62 63 64 65 66
67 68 69 70 71 72
XF331 73 74 75 76 77 78
79 80 81 82 83 84
85 86 87 88 89 90
91 92 93 94 95 96

J6 DOUBLE CARD DISK
J7 5806217 6217

XF121 01 02 03 04 05 06
07 08 09 10 11
XF131 12
XF121 13 14 15 16 17 19
20 21 22 23 24 25
26 27 28 29 30 31
32 33
XF131 34 35 36 37 38 39
40 41 42 43 44 45
46 47 48 49 50
XF121 51
XF131 53 54 55 56

K2 SINGLE CARD
RPQ
BA000

K3 SINGLE CARD
SAC
BA001

K4 SINGLE CARD DISK
5803028 3028

XF271 A1 A2 A3 A4 A5 A6
A7 A9

K5 SINGLE CARD DISK
5803028 3028

XF261 A1 A2 A3 A4 A5
XF271 A6 A7
XF261 A8

K6 DOUBLE CARD DISK
K7 5806218 6218

XF151 01 02 03 04 07 08
09 10 11 12 13 14
15 16 17 18 19 20
21
XF141 24 25 26 27 28 29
30 31 32 33 34 35
36 37 38 39 40 41
42 43 44 45
XF151 46 47 48 49 50

L2 SINGLE CARD
PE
BA000

L3 SINGLE CARD
SAC
BA001

L4 SINGLE CARD DISK
5800000 0000

XF111 A1 B1
XF171 C1
XF131 D1
XF251 E1
XF101 F1

L5 SINGLE CARD DISK
5803028 3028

XF261 A1 A2 A3 A4 A5 A6
A7 A8

L6 DOUBLE CARD DISK
L7 5806219 6219

XF161 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16
XF241 17 18 19 20 21 22
23 24 25 26 27 28
29 30 31 32 33 34
35 36 37 38 39 40
41
XF191 42 43
XF251 44 45
XF191 46 47
XF251 48 49
XF191 50
XF251 51
XF191 52 53
XF251 54 55 56
XF191 57 58
XF251 59 60
XF191 61
XF251 62

M1 SINGLE CARD
RPQ
BA000

M2 SINGLE CARD
RPQ
BA000

M3 SINGLE CARD
CAT
BA001

M4 DOUBLE CARD PL
M5 5806223 6223

XG101 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28
XG111 29 30 31 32 33 34
35 36 37 38 39 40
41 42 43 44 45 46
47 48 49 50 51 52
53 54 55 56

M6 DOUBLE CARD DISK
M7 5806220 6220

XF171 01 02 03 04 05 06
07 08 09 10 11
XF201 13 14 15 16 17 18

SOCKET LISTING
DATE 05-25-68 MACH. 1131

LOG 150J BOARD 01A-C1
PREV. ENGR. 02-24-67 419633
PRES. ENGR. 07-21-68 419659
P.N. 2201219

IBM CORP. SDD BLK.

A C O O 3 3 000

		19	20	21	22	23	24
		25	26	27	28	29	
	XF171	30	31	32	33	60	61
	XF181	B1	B2	B3	B4	B5	B6
		B7	B8	B9	BA	BB	BC
		BD	BE	BF	BG	BH	BJ
		BK	BL	BM	BN	BP	BQ
		BR	BS	BT			

N2	CONNECTOR	
	B02	BB101AA4
	B03	BB101AC4
	B04	BB111AB4
	B05	BB121AA4
	B07	BB121AC4
	B08	BB131AB4
	B09	BB131AD4
	B10	BB141AB4
	B13	XC141AA4
	D02	BB101AB4
	D04	BB111AA4
	D05	BB111AC4
	D06	BB121AB4
	D07	BB131AA4
	D09	BB131AC4
	D10	BB141AA4
	D11	BB141AC4
	D12	XF141AW4
	D13	XF141BC4
N3	CONNECTOR	
	B02	RA101AX6
	B03	RA121AX6
	B04	RA141AX6
	B05	RA161AX6
	B07	RA201AX6
	B08	RA221AX6
	B09	RA241AX6
	B10	RA261AX6
	B12	XF161AS4
	B13	XF141AZ4
	D02	RA111AX6
	D04	RA131AX6
	D05	RA151AX6
	D06	RA171AX6
	D07	RA211AX6
	D09	RA231AX6
	D10	RA251AX6
	D11	RA271AX6
	D13	KM211AT4
N4	CONNECTOR	
	B02	XF151AR2
	B03	XC141AH4
	B04	DN201BE4
	B05	DU101BF4
	B07	XF161AQ6
	B08	XC141AF4
	B09	XC141BH4
	B10	KA111AN6
	B12	KU211AD4
	B13	KU211AC4
	D02	XC141BE4
	D04	XC141AG4
	D05	KT321BA4
	D06	XC141AX2
	D07	KA101BJ4
	D09	XR291BB4
	D10	KU211AE4
	D11	KM301BM4
	D12	KU211AA4
	D13	KU211AB4
N5	CONNECTOR	
	B02	XG101AW4
	B03	XG101BA4
	B04	XG111AT4
	B10	XG111BD4
	D02	XG101AX4
	D04	XG101BB4
	D05	XG111AW4
N6	CONNECTOR	
	B02	KM211AN4
	B03	XC141AX6
	B04	KT321BC2
	B05	DN201BF4
	B07	KM101AQ2
	B09	KM321BD4
	D02	KR111AY6
	D04	KU311AU4
	D05	XT301BH4
	D06	KA111BF2
A	D09	KU201AP4
C	D10	KT321AT4
0	D11	KR111BD4
0		
3N7	CONNECTOR	
	B02	XF391AE2
	B03	XF391AB2

N7	B04	XF191AS4
	B05	WF391AA6
	B07	WF391AC2
	B08	WF391AE6
	B09	XF141BF4
	B10	XF201AG2
	B12	WF391AD2
	B13	XF161AR9
	D02	WF391AB6
	D04	XF171BB4
	D05	WF391AA2
	D06	WF391AC6
	D07	XF191AQ4
	D09	XF191AL2
	D10	XF121BP4
	D11	XF121BP4
	D13	WF391AD6

PLUG LIST

PART NO	ACC	TYPE	SOCKETS				TOTAL
5800000		0000	D2	E4	E5	F7	06
			H4	H7			
5800000	DISK	0000	E6	E7	L4		03
5800236		0236	G4				01
5800453		0453	F6				01
5800509		0509	D3				01
5800533		0533	F2				01
5800716	EXP	0716	G2				01
5803016		3016	H3				01
5803016	DISK	3016	D6				01
5803028	DISK	3028	K4	K5	L5		03
5803356		3356	G7				01
5803404		3404	D4				01
5803421		3421	G5				01
5803421	EXP	3421	J3				01
5803757	DISK	3757	M6				01
5803793	DISK	3793	G6				01
5803794		3794	E2	F4	H5		03
5803816		3816	E3	H5			02
5803819		3819	B4	B5	D5		03
5804008		4008	F3	G3			02
5804615		4615	B2	C2			02
5804628	DISK	4628	J4				01
5806208		6208	C4				01
5806217	DISK	6217	J6				01
5806218	DISK	6218	K6				01
5806219	DISK	6219	L6				01
5806220	DISK	6220	M6				01
5806223	PL	6223	M4				01
		CONN	A1	A2	A3	A4	21
			A5	A6	A7	B1	
			B6	C1	D1	E1	
			E8	F1	G1	N2	
			N3	N4	N5	N6	
			N7				
	CAT		M3				01
	EXP		H2	J2			02
	PE		L2				01
	RPQ		B7	C6	C7	D7	08
			J1	K2	M1	M2	
	SAC		K3	L3			02

SOCKET LISTING
DATE 05-25-68 MACH. 1131

LOG 150J BOARD 01A-C1
PREV. ENGR. 02-24-67 419633
PRES. ENGR. 07-21-68 419659
P.N. 2201219

IBM CORP. SDD BLK.

A C 0 0 3 000

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
1				C 2 2 X	C 2 2 X	C 2 2 X	C 2 2 X		RPQ X			RPQ X												
2	C 2 2 X	5804664 4 X	5804676 X	5804675 X	5804825 X	5804608 X	5804672 X	5806207 X	5806259 X	5804623 X	5804624 X	5804610 X	C 2 2 X											
3	C 2 2 X								5803817 3817 X				C 2 2 X											
4	C 2 2 X	5806212 2 X S	5806213 6213 X	5803481 3481 X	5800002 0002 X	5804620 4620 X	5804616 4616 X	5804607 4607 X	5804680 4680 X	5804685 4685 X	5803614 4514 X	5804621 4621 X	C 2 2 X											
5	C 2 2 X			5803481 3481 CS X	5803765 3765 X								C 2 2 X											
6	C 2 2 X	5803024 3024 X	5800000 0000 X	5800000 0000 X	5803421 3421 X	5803761 3761 X	5803761 3761 X	5800000 0000 X	5800002 0002 X	5800238 0238 X	SPC X	SPC X	SPC X											
7	C 2 2 X	RPQ X	SPC X	RPQ X	EXP X	5803815 3815 CS X	5803761 3761 X	5800000 0000 X	5800509 0509 X	5803794 3794 X	RPQ X	SPC X	C 2 2 X											
8																								

SYMBOLS

X= NO RULE/SOCKET
E= CONFLICT
S= PORTIONS LEFT

SLDA CHART
DATE 03—13—67 MACH. 1131

LOG 072U BOARD 01B—01
PREV. ENGR. 10—14—66 419623
PRES. ENGR. 02—24—67 419633
P.N. 2201220

IBM CORP. SDD BLK.

000

A2 CONNECTOR
B02 RN101BH2
B03 RN101AY2
B04 RN101AL2
B05 RN101BJ2
B07 RN101BA2
B08 RS101AL2
B09 RS101AM2
B10 RS111AQ2
B12 KU201AL4
B13 KU201AM4
D02 RN101AN2
D04 RN101BB2
D05 RN101AQ2
D06 RN111AR2
D07 RN111AS2
D09 RS111AR2
D10 RS121AN2
D11 RS121AP2
D12 KU211AJ4
D13 KU201AN4

A3 CONNECTOR
B02 KD101AS2
B03 KD101AT2
B04 KD111AY2
B05 KD101AU2
B07 KR111AW2
B08 KC101AE2
B09 KC101AQ2
B10 KC111AE2
B12 KC111AQ2
D02 KD111BA2
D04 KD111BG4
D05 KD111BB2
D07 KR111AX2
D09 KC101AK2
D10 KC101AV2
D11 KC111AK2
D12 KC111AV2

A4 CONNECTOR
B02 KT111AW2
B03 KT121AZ2
B04 KT121AY2
B05 KS101BD2
B08 KM301AX2
B09 KM311AX2
B10 KM321AX2
D02 KT111AX2
D04 KS101BB2
D05 KT131AR2
D06 KS111AY2
D07 KM111AV2
D09 KM301AZ2
D10 KM311AZ2
D11 KM321AZ2

A5 CONNECTOR
B02 KT321BD6
B03 KT321BD2
B04 KT321BB2
B05 KT321BB6
B12 KT321BE4
B13 KT331AA6
D02 KG211BL4
D04 KA111BH4
D05 KT331AA2
D06 KT321BC2
D07 KT321BC6
D09 KU201AV4
D10 KA111BK4
D11 KT321BF6
D12 KT321BF2
D13 KA111BJ4

A6 CONNECTOR
B02 XF151AR2
B03 XC141AH4
B04 DN201BE4
B05 DU101BF4
B07 XF161AQ6
B08 XC141AF4
B09 XC141BH4
B10 KA111AN6
B12 KU211AD4
B13 KU211AC4
D02 XC141BE4
D04 XC141AG4
D05 KT321BA4
D06 XC141AX2
D07 KA101BJ4
D09 XR291BB4
D10 KU211AE4
D11 KM301BM4
D12 KU211AQ4
D13 KU211AB4

A7 CONNECTOR
B02 KM211AN4
B03 XC141AX6
B04 KT321BC2
B05 DN201BF4
B07 KM101AQ2
B09 KM321BD4
D02 KR111AV6
D04 KU311AU4
D05 XT301BH4
D06 KA111BF2
D09 KU201AP4
D10 KT321AT4
D11 KR111BD4

B2 DOUBLE CARD
B3 5804664 4664

RN101 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23
RN111 24 25 26
RN101 27 28 29 30 31 32
RN111 33 34 35 36
RN101 37 38 39
RN111 40 41 42 43 44 45
RN101 46
RN111 47 48
RN101 49
RN111 50 51 52

B4 DOUBLE CARD
B5 5806212 6212

KT321 A1 A2 B1 B2 D1 D2
E1 E2 F1 F2 G1 G2
H1 J1 J2 K1 K2 L1
L2
KT331 M1 N1
KU201 P1
KT331 Q1 Q2 Q3 Q4 Q5 Q6
Q7 Q8 S1 S2 T1 T2
T3 T4

UNUSED PORTIONS

C

B6 SINGLE CARD
5803024 3024

KU211 A1 A2 A3 A4 B1 B2

B7 SINGLE CARD
RPQ

BA000

C2 DOUBLE CARD
C3 5804676 4676

DN101 A1 A3 A4 A5 A6 A7
A8 AB AC AD AE AF
AG AH AJ AK AM AN
AP AQ AS AT AV AW
AX

C4 DOUBLE CARD
C5 5806213 6213

KA111 01 03 04 05 08 09
10 11 12 13 14 15
16 17 18 19 20 21
22 23 24 25 26 27
28 29 30
KA101 35 36 37 38 39 40
41 43 44 45 47 49
50 51 52 53 54 55
56 58 59 60 61

C6 SINGLE CARD
5800000 0000

XC141 A1 B1
KM201 C1
KU201 D1
KB101 E1
KU201 F1

C7 SINGLE CARD
SAC

BA001

D1 CONNECTOR
E09 RB221BF4
E11 MC101AY4

D2 DOUBLE CARD
D3 5804675 4675

DN111 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV AW AX
AY A2

D4 SINGLE CARD
5803481 3481

KC101 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17
KC111 18 19 20 21
KC101 22 23
KC111 24 25 26 27
KC101 28
KC111 29 30 31 32 33 34
KC101 35 36
KC111 37 38 39 40
KC101 41 42
KC111 43 44
KC101 45

D5 SINGLE CARD CS
5803481 3481

KM101 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17
KM111 18 19 20 21
KM101 22 23
KM111 24 25 26 27
KM101 28
KM111 29 30 31 32 33 34
KM101 35 36
KM111 37 38 39 40
KM101 41 42
KM111 43 44
KM101 45

D6 SINGLE CARD
5800000 0000

KU201 A1
KA111 B1
KU201 C1
KU211 D1
KU201 E1 F1

D7 SINGLE CARD
RPQ

BA000

E1 CONNECTOR
A11 RB201BF4
B09 RB241BF4
B11 RB211BF4
C09 RB251BF4
C11 RD171AS4
D09 RB261BF4
D11 MC101AY4
E09 RB271BF4
E11 MC101AQ4

E2 DOUBLE CARD
E3 5804625 4625

KG221 A1 A2 A3 A4 A5 A6
B1 B2 B3 B4 B5 B6
B7 B8 B9 BA BB BC
BD BE

E4 SINGLE CARD
5800002 0002

KU201 A1 B1 C1 D1 E1

E5 SINGLE CARD
5803765 3765

KA101 A1

E6 SINGLE CARD
5803421 3421

KU201 A1 B1 C1 D1 E1
KU211 F1 G1 H1 J1
DN201 K1

E7 SINGLE CARD
EXP

BA001

F1 CONNECTOR
A11 KU101AF4
B09 MC101AZ4
B11 MC101AW4
C09 KR111BE4
C11 WZ061AH4
D09 KR111BF4
E09 KU301AT2
E11 KU301AY6

F2 DOUBLE CARD
F3 5804608 4608

RS121 01 02
RS111 04 05
RS121 06 07 08 09 10 11
RS111 12 13
RS121 14 15 16 17
RS111 18
RS121 19 20
RS111 21
RS121 22 23 24 25
RS111 26 27
RS101 28 29 30 31 32 33
RS111 34 35 36
RS101 37 38 39 40
RS111 41 42
RS101 43 44
RS111 45
RS101 46 47 48 49
RS111 50
RS101 51 52
RS111 53 54 55
RS121 56 57 58 59

F4 DOUBLE CARD
F5 5804620 4620

KT201 01 02 03 05 06 07
09 10 11 12 13 14
15 16 17 18 19 20
21 22 23 24 25 26
27

F6 SINGLE CARD
5803761 3761

KM321 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
32 B1

F7 SINGLE CARD CS
5803815 3815

KM211 AA AB AC AD AE AF
AG AH AJ AK AL AM
AN AP AQ AS AT AU
AV AW B1

G1 CONNECTOR
A09 MB101AP4
A11 MB101AN4

G2 DOUBLE CARD
G3 5804672 4672

KD101 01 02
KD111 03 04
KD101 05 06 07 08 09 10
11 12 13 14 15 16
17 18 19 20 21 22
23 24 25 26 27 28
KD111 29 30 31 32 33 34
35 36 37 38 39 40
41 42 43 44 45 46
47 48 49 50 52 54
55 56

G4 DOUBLE CARD
G5 5804616 4616

KT101 02 03 04 05 06
KT111 07 08 09 10
KT101 11 12
KT111 13 14 15 16 17 18
19 20 21 22 23 24
KT101 25 26 27 28
KT111 29
KT101 30 31 32
KT111 33 34 35 36
KT101 37 38 39 40
KT111 41
KT101 42 43 44
KT111 45 46 47 48 49 50
51

G6 SINGLE CARD
5803761 3761

KM311 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
32

G7 SINGLE CARD
5803761 3761

KM301 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23 24
25 26 27 28 29 30
32

H2 DOUBLE CARD
H3 5806207 6207

KU301 01 02 03 04 05 06
07 08 09 10 11 12
13 15 16 17 18 19
20 21
KU311 22 23 24 25 26 28
29 30 31 32 33 35
36 37 38 39 40
KU301 42 43
KG151 A1 B2

H4 DOUBLE CARD
H5 5804607 4607

KT121 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 21 22 23
KT131 24
KT121 25 26
KT131 27 28 29
KT101 30
KT121 31
KT131 32 33 34 35 36 37
39
KT121 40

H6 SINGLE CARD
5800000 0000

KM201 A1 B1
DN201 C1 D1
KM201 E1 F1

H7 SINGLE CARD
5800000 0000

KM201 A1
DN201 B1 C1 D1 E1 F1

J1 SINGLE CARD
RPQ

BA000

J2 SINGLE CARD
5806259 6259

MC101 A1 A2 A3 A4
KU311 A5
MC101 A6 A7 A8
KU311 A9 AA
MC101 AB AC B1 B2 B3 B4
B5 B6 B8 B9 BA BB
C1

J3 SINGLE CARD
5803817 3817

KR111 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AP AQ
AS AT AU AV AW AX

J4 DOUBLE CARD
J5 5804680 4680

KS101 01 02 03 04 05 06
07
KS111 08
KS101 09 10 11 12
KS111 13 14
KS101 15 16
KS111 17
KS101 18 19 20 21 22 23
24 25 26 27 28 29
30 31 32 33 34
KS111 35 36 37 38 39 40
41 42 43 44 45 46
47 48 49 50 51 52
53 54 55

J6 SINGLE CARD
5800002 0002

DN201 A1 B1 C1
KM201 D1 E1

J7 SINGLE CARD
5800509 0509

DN201 A1 B1 C1
KM201 D1 E1 F1 G1 H1 J1
KT201 K1

K2 DOUBLE CARD
K3 5804623 4623

KB101 01 02 03 04 05 09
10 11 13 15 17 18
19 20 21 22 23 24
25 26 27
KB111 28 29 30 31 32 33
34 35 36 37 38 39
40 41 42 43 44 45
46 47 48 49

K4 DOUBLE CARD
K5 5804685 4685

KT301 A1 B1 B2 B3 B4 B5
B6 B7 B8 B9 BA BB
BC BD BE BF BG BH
BJ BK BL BM BN BP
BQ BS BT

K6 SINGLE CARD
5800238 0238

DN201 A1 B1
KM201 C1 D1 E1

K7 SINGLE CARD
5803794 3794

DN201 A1 A2 A3 A4 A5 B1
B2 B3 B4 B5
KT311 B6 B7 B8 B9 BA

L2 DOUBLE CARD
L3 5804624 4624

KG251 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15
KG241 16 17 18 19 20 21
22 23 24 25 26 27
28 29 30 31 32
KG251 33 34 35 36 37 38
39 40 41

L4 DOUBLE CARD
L5 5804614 4614

KT311 01 02 03 04 05 06
07 08 09 10 11 12
13 14 15 16 17 18
19 20 24 25 26 27

L6 SINGLE CARD
SAC

BA001

L7 SINGLE CARD
RPQ

BA000

M1 SINGLE CARD
RPQ

BA000

M2 DOUBLE CARD
M3 5804610 4610

KG211 A1 A2 A3 A4 A5 A6
A7 A8 A9 AA AB AC
AD AE AF AG AH AJ
AK AL AM AN AQ AS
AT AU AV AW AX AY
A2

M4 DOUBLE CARD
M5 5804621 4621

KG231 A1 A2 A3 A4 A5 A6
A7 A9 AA AB AD AE
AF AG AH AJ AK AL
AM AN AP AQ AS AT

M6 SINGLE CARD
SAC

BA001

M7 SINGLE CARD
SAC

BA001

N2 CONNECTOR
B03 KG211AX4
B04 KG231BA4
B05 KG241AM4
B06 KG241AL4
B07 KB101BB4
B08 KB101AA4
B09 RB101BF4
B10 RB111BF4
B11 RB121BF4
B12 RB131BF4
B13 RB141BF4
D02 KG211AK4
D03 KG211AY4
D04 KG231BA6
D05 KG241AQ4
D06 KG211AT4
D07 KG211BD4
D09 RB151BF4
D10 RB161BF4
D11 RB171BF4
D12 KU311AQ4
D13 KU311AU4

N3 CONNECTOR
B03 KT331AD2
B04 DN111AW4
B05 KG231AK4
B06 KT311AF4
B07 KT311AE4
B08 KT311AP4
B09 RN111AR6
B10 KD101AZ4
B11 KU111AA4
B12 KU111AC4
B13 KU111AE4
D02 KG211BF4
D03 KA101BG2
D04 KG151AS2
D05 KG231AL4
D06 KT301AC4
D07 KT311AD4
D09 KG211AS4
D10 KT301BE4
D11 KU111AB4
D12 KU111AD4
D13 KU111AF4

N4 CONNECTOR
B03 RB101BG4
B04 KU101AE4
B05 KA101AQ4
B06 KA101AR4
B07 KA111AN2
B08 KU311AT4
B09 KG121AL2
B10 DN111AY4
B11 KT201AX4
B12 KT301AR4
B13 KT201AZ4
D02 KU311AR4
D03 RB201BG4
D04 KU101AB4
D05 KR101AS4
D06 KR101AT4
D07 KG231AM4
D09 KT101AT4
D10 DN111AZ4
D11 KT201AY4
D12 KT301AN4
D13 KT201AS4

N5 CONNECTOR
B03 RD151AP2

SOCKET LISTING
DATE 03-13-67 MACH. 1131

LOG 072U BOARD 01B-A1
PREV. ENGR. 10-14-66 419623
PRES. ENGR. 02-24-67 419633
P.No. 2201220 SDD
IBM CORP. SDD BLK.

A C D 0 4 000

N5	B04	RD161AP2
	B05	RD171AP2
	B06	RA101AU2
	B07	KG231AZ4
	B08	RQ101AY2
	B09	RQ171AY2
	B10	RA101AX6
	B11	RB161BH2
	B12	KR111AW2
	B13	RA151AX6
	D02	KG231AY4
	D03	RD151AQ2
	D04	RD161AQ2
	D05	RD171AQ2
	D06	KT201BF4
	D07	RA111AU6
	D09	RQ171AX2
	D10	RA271AX6
	D11	RB171BH2
	D12	KR111AX2
	D13	RA171AX6
N6	SINGLE CARD	SAC
	BA001	
N7	CONNECTOR	
	B03	KD101AW4
	B04	KD101AT2
	B05	KM211AS4
	B06	KM211AZ4
	B07	KM211AV4
	B08	XF141AW4
	B09	RB231BF4
	B10	KU211AF4
	B11	KM211AT4
	B12	KM101AV2
	B13	WZ061AJ4
	D02	KM211AU4
	D03	XC141BJ4
	D04	DN201AL4
	D05	DN201AZ4
	D06	KM201AN4
	D07	RN111AT6
	D09	KM201AL4
	D10	KM201AS4
	D11	KM201AC4
	D12	KM201AD4

PLUG LIST

PART NO	ACC	TYPE	SOCKETS	TOTAL
5600000		0000	C6 D6 H6 H7	04
5600002		0002	E4 J6	02
5800238		0238	K6	01
5600509		0509	J7	01
5803024		3024	B6	01
5803421		3421	E6	01
5803481		3481	D4	01
5803481	CS	3481	D5	01
5803761		3761	F6 G6 G7	03
5803765		3765	E5	01
5803794		3794	K7	01
5803815	CS	3815	F7	01
5803817		3817	J3	01
5804607		4607	H4	01
5804608		4608	F2	01
5804610		4610	M2	01
5804614		4614	L4	01
5804616		4616	G4	01
5804620		4620	F4	01
5804621		4621	M4	01
5804623		4623	K2	01
5804624		4624	L2	01
5804625		4625	E2	01
5804664		4664	B2	01
5804672		4672	G2	01
5804675		4675	D2	01
5804676		4676	C2	01
5804680		4680	J4	01
5804685		4685	K4	01
5806207		6207	H2	01
5806212		6212	B4	01
5806213		6213	C4	01
5806259		6259	J2	01
		CONN	A2 A3 A4 A5 A6 A7 D1 E1 F1 G1 N2 N3 N4 N5 N7	15
	Exp		E7	01
	RPQ		B7 D7 J1 L7 M1	05
	SAC		C7 L6 M6 M7 N6	05

SOCKET LISTING
DATE 03-13-67 MACH. 1131

LOG 072U BOARD 01R-A1
PREV. ENGR. 10-14-66 419623
PRES. ENGR. 02-24-67 419633
P.N. 2201220 SDD
IBM CORP. SDD PLK.

ACC0040000

	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	V	W	X	Y	Z
1	CON x	CON x	CON x	CON x	CON x	CON x	CON x	CON x	CON x	CON x	CON x	CON x												
2	CON x	5804619 x	5804619 x	5804619 x	5804619 x	5803016 x	5800533 x	5804619 x	5804619 x	5804619 x	5804619 x	CON x	CON x											
3	CON x					5803757 x	5803757 x					CON x	CON x											
4	CON x	5804617 x	5804617 x	5804617 x	5804617 x	5803757 x	5803757 x	5804617 x	5804617 x	5804617 x	5804617 x	5803807 x	CON x											
5	CON x					5803757 x	5803757 x					5803291 x S	CON x											
6	SAC x	CON x	5803686 DISK x S	RPQ x	SAC x	5803028 DISK x	5800236 CS x	5803793 DISK x	5803793 DISK x	5803024 x	5803024 x	RPQ x	CON x											
7	CON x	CON x	5800236 0236 x	5800239 0238 x	SAC x	PE x	RPQ x	SAC x	SAC x	5803022 x	5803022 x	SAC x	CR x											
8																								

SYMBOLS

X= NO RULE/SOCKET
E= CONFLICT
S= PORTIONS LEFT

SLDA CHART
DATE 03—13—67 MACH. 1131

LOC 072U BOARD 01B—B1
PREV. ENGR. 05—30—66 419613
PRES. ENGR. 02—24—67 419633
P.N. 2201221

IBM CORP. SDD BLK.

ACC005

ACC005

000

```
A1          CONNECTOR
            E09   RB101BH6
            E11   WZ051AD4

A2          CONNECTOR
            B03   KG211AX4
            B04   KG231BA4
            B05   KG241AM4
            B06   KG241AL4
            B07   KB101BB4
            B08   KB101BA4
            B09   RB101BF4
            B10   RB111BF4
            B11   RB121BF4
            B12   RB131BF4
            B13   RB141BF4
            D02   KG211AK4
            D03   KG211AY4
            D04   KG231BA6
            D05   KG241AQ4
            D06   KG211AT4
            D07   KG211BD4
            D09   RB151BF4
            D10   RB161BF4
            D11   RB171BF4
            D12   KU311AQ4
            D13   KU311AU4

A3          CONNECTOR
            B03   KT331AD2
            B04   DN111AW4
            B05   KG231AK4
            B06   KT311AF4
            B07   KT311AE4
            B08   KT311AP4
            B09   RN111AR6
            B10   KD101AZ4
            B11   KU111AA4
            B12   KU111AC4
            B13   KU111AE4
            D02   KG211BF4
            D03   KA101BG2
            D04   KG151AS2
            D05   KG231AL4
            D06   KT301AC4
            D07   KT311AD4
            D09   KG211AS4
            D10   KT301BE4
            D11   KU111AB4
            D12   KU111AD4
            D13   KU111AF4

A4          CONNECTOR
            B03   RB101BG4
            B04   KU101AE4
            B05   KR101AQ4
            B06   KR101AR4
            B07   KA111AN2
            B08   KU311AT4
            B09   KG121AL2
            B10   DN111AY4
            B11   KT201AX4
            B12   KT301AR4
            B13   KT201AZ4
            D02   KU311AR4
            D03   RB201BG4
            D04   KU101AB4
            D05   KR101AS4
            D06   KR101AT4
            D07   KG231AM4
            D09   KT101AT4
            D10   DN111AZ4
            D11   KT201AY4
            D12   KT301AN4
            D13   KT201AS4

A5          CONNECTOR
            B03   RD151AP2
            B04   RD161AP2
            B05   RD171AP2
            B06   RA101AU2
            B07   KG231AZ4
            B08   RQ101AY2
            B09   RQ171AY2
            B10   RA101AX6
            B11   RB161BH2
            B12   KR111AW2
            B13   RA151AX6
            D02   KG231AY4
            D03   RD151AQ2
            D04   RD161AQ2
            D05   RD171AQ2
            D06   KT201BF4
            D07   RA111AU6
            D09   RQ171AX2
            D10   RA271AX6
            D11   RB171BH2
            D12   KR111AX2
            D13   RA171AX6

A6          SINGLE CARD                    SAC

        BA001

A7          CONNECTOR
            B03   KD101AW4
            B04   KD101AT2
            B05   KM211AS4
            B06   KM211AZ4
            B07   KM211AV4
            B08   XF141AW4
            B09   RB231BF4
            B10   KU211AF4
            B11   KM211AT4
            B12   KM101AV2
            B13   WZ061AJ4
            D02   KM211AU4
            D03   XC141BJ4
            D04   DN201AL4
            D05   DN201AZ4
            D06   KM201AN4
            D07   RN111AT6
            D09   KM201AL4
            D10   KM201AS4
            D11   KM201AC4
            D12   KM201AD4

B1          CONNECTOR
            A09   RB101BH6
            A11   WZ051AA4
            B09   RB111BH6
            B11   WZ051AB4
            C09   RB121BH6
            C11   WZ051AC4
            D09   RB131BH6
            D11   WZ051AD4
            E09   RB141BH6
            E11   WZ051AE4

B2          DOUBLE CARD
B3          5804619 4619

    RB101  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB111  15
    RB101  16
    RB111  17 18 19 20 21 22
           23 24 25 27 28 29
    RB101  30
    RB111  31 32 33
    RB101  34 35 36 37 38 39
           40 41 42 43
    RB111  44 45 46 47 48 49
           50 51
    RB101  52
    RB111  53 54
    RB101  55 56 57 58
    RB111  59 60 61 62
    RB101  63 64
    RB111  65 66
    RB101  67
    RB111  68
    RB101  69
    RB111  70

B4          DOUBLE CARD
B5          5804617 4617

    RD101  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14
    RA101  15 16 17 18 19 20
           21 22 23 24 25 26
           27 28 29 30 31 32
           33 34 35 36
    RA111  37 38 39 40 41 42
           43 44 45 46 47 48
           49 50 51 52 53 54
           55 56 57 58
    RQ101  59 60 61 62 64 65
           66 67 68 69 70 71
           72 73 74 75 80 81
           82 83 84 85
    RD101  86
    RA111  87
    RA101  88
    RA111  89

B6          CONNECTOR
            B02   RA101AX6
            B03   RA121AX6
            B04   RA141AX6
            B05   RA161AX6
            B07   RA201AX6
            B08   RA221AX6
            B09   RA241AX6
            B10   RA261AX6
            B12   XF161AS4

B6          B13   XF141AZ4
            D02   RA111AX6
            D04   RA131AX6
            D05   RA151AX6
            D06   RA171AX6
            D07   RA211AX6
            D09   RA231AX6
            D10   RA251AX6
            D11   RA271AX6
            D13   KM211AT4

B7          CONNECTOR
            B02   MB201AT2
            B03   MB201AT4
            B04   MB201AT6
            B05   KM211AS4
            B07   KM211AZ4
            B08   KM211AV4

C1          CONNECTOR
            A11   WZ051AH4
            B09   RB151BH6
            B11   WZ051AF4
            C09   RB161BH6
            C11   WZ051AG4
            D09   RB171BH6
            D11   WZ051AH4
            E09   RB201BH6
            E11   WZ051AJ4

C2          DOUBLE CARD
C3          5804619 4619

    RB121  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB131  15
    RB121  16
    RB131  17 18 19 20 21 22
           23 24 25 27 28 29
    RB121  30
    RB131  31 32 33
    RB121  34 35 36 37 38 39
           40 41 42 43
    RB131  44 45 46 47 48 49
           50 51
    RB121  52
    RB131  53 54
    RB121  55 56 57 58
    RB131  59 60 61 62
    RB121  63 64
    RB131  65 66
    RB121  67
    RB131  68
    RB121  69
    RB131  70

C4          DOUBLE CARD
C5          5804617 4617

    RD111  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14
    RA121  15 16 17 18 19 20
           21 22 23 24 25 26
           27 28 29 30 31 32
           33 34 35 36
    RA131  37 38 39 40 41 42
           43 44 45 46 47 48
           49 50 51 52 53 54
           55 56 57 58
    RQ111  59 60 61 62 64 65
           66 67 68 69 70 71
           72 73 74 75 80 81
           82 83 84 85
    RD111  86
    RA131  87
    RA121  88
    RA131  89

C6          SINGLE CARD                    DISK
            5803686 3686

    XF171  A1 B1 C1 D1
    XF161  G1
    XF141  K1

           UNUSED PORTIONS

           E F H J

C7          SINGLE CARD
            5800236 0236

    KM201  A1 B1 C1
    MB201  D1
    KM201  E1
    DN201  F1

D1          CONNECTOR
            A09   RB211BH6
            A11   WZ061AA4
            E09   RB221BF4
            E11   MC101AY4

D2          DOUBLE CARD
D3          5804619 4619

    RB141  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB151  15
    RB141  16
    RB151  17 18 19 20 21 22
           23 24 25 27 28 29
    RB141  30
    RB151  31 32 33
    RB141  34 35 36 37 38 39
           40 41 42 43
    RB151  44 45 46 47 48 49
           50 51
    RB141  52
    RB151  53 54
    RB141  55 56 57 58
    RB151  59 60 61 62
    RB141  63 64
    RB151  65 66
    RB141  67
    RB151  68
    RB141  69
    RB151  70

D4          DOUBLE CARD
D5          5804617 4617

    RD121  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14
    RA141  15 16 17 18 19 20
           21 22 23 24 25 26
           27 28 29 30 31 32
           33 34 35 36
    RA151  37 38 39 40 41 42
           43 44 45 46 47 48
           49 50 51 52 53 54
           55 56 57 58
    RQ121  59 60 61 62 64 65
           66 67 68 69 70 71
           72 73 74 75 80 81
           82 83 84 85
    RD121  86
    RA151  87
    RA141  88
    RA151  89

D6          SINGLE CARD                    RPQ

        BA000

D7          SINGLE CARD
            5800238 0238

    KM201  A1 B1 C1 D1
    MB201  E1

E1          CONNECTOR
            A11   RB201BF4
            B09   RB241BF4
            B11   RB211BF4
            C09   RB251BF4
            C11   RD171AS4
            D09   RB261BF4
            D11   MC101AY4
            E09   RB271BF4
            E11   MC101AQ4

E2          DOUBLE CARD
E3          5804619 4619

    RB161  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB171  15
    RB161  16
    RB171  17 18 19 20 21 22
           23 24 25 27 28 29
    RB161  30
    RB171  31 32 33
    RB161  34 35 36 37 38 39
           40 41 42 43
    RB171  44 45 46 47 48 49
           50 51
    RB161  52
    RB171  53 54
    RB161  55 56 57 58
    RB171  59 60 61 62
    RB161  63 64
    RB171  65 66
    RB161  67
    RB171  68
    RB161  69
    RB171  70

E4          DOUBLE CARD
E5          5804617 4617

    RD131  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14
    RA161  15 16 17 18 19 20
           21 22 23 24 25 26
           27 28 29 30 31 32
           33 34 35 36
    RA171  37 38 39 40 41 42
           43 44 45 46 47 48
           49 50 51 52 53 54
           55 56 57 58
    RQ131  59 60 61 62 64 65
           66 67 68 69 70 71
           72 73 74 75 80 81
           82 83 84 85
    RD131  86
    RA171  87
    RA161  88
    RA171  89

E6          SINGLE CARD                    SAC

        BA001

E7          SINGLE CARD                    SAC

        BA001

F1          CONNECTOR
            A11   KU101AF4
            B09   MC101AZ4
            B11   MC101AW4
            C09   KR111BE4
            C11   WZ061AH4
            D09   KR111BF4
            E09   KU301AT2
            E11   KU301AT6

F2          SINGLE CARD
            5803016 3016

    MB101  A1 A2 A3 A4 A5 A6
           A7 A8 A9

F3          SINGLE CARD
            5803757 3757

    KG101  A1
    KG111  A3 A4
    KG101  A5 A6
    KG111  A7
    KG101  A8
    KG111  A9
    KG101  AA AC
    KG111  AD
    KG101  AE
    KG111  AF
    KG101  B1 B2
    KG111  C1 C2

F4          SINGLE CARD
            5803757 3757

    KG121  A1 A2
    KG111  A3
    KG141  A5 A6
    KG131  A7
    KG121  A8
    KG111  A9
    KG141  AA
    KG121  AC
    KG111  AD
    KG141  AE
    KG131  AF B1 B2 C1 C2

F5          SINGLE CARD
            5803757 3757

    KG151  A1 A4
    KG141  A5 A6
    KG131  A7
    KG151  A8 A9
    KG141  AA
    KG151  AC AD
    KG141  AE
    KG131  AF
    KG151  B1 B2 C1 C2

F6          SINGLE CARD                    DISK
            5803028 3028

    MB201  A1 A2 A3 A4 A5 A6

F6          A7 A8 A9

F7          SINGLE CARD                    PE

        BA000

G1          CONNECTOR
            A09   MB101AP4
            A11   MB101AN4
            E09   MB101AQ4
            E11   MC101AY4

G2          SINGLE CARD
            5800533 0533

    MB101  A1 A2 B1 B2 C1 D1

G3          SINGLE CARD
            5803757 3757

    KG101  A1
    KG111  A3 A4
    KG101  A5 A6
    KG111  A7
    KG101  A8
    KG111  A9
    KG101  AA AC
    KG111  AD
    KG101  AE
    KG111  AF
    KG121  B1 B2 C1 C2

G4          SINGLE CARD
            5803757 3757

    KG121  A1 A2
    KG111  A3
    KG141  A5 A6
    KG131  A7
    KG121  A8
    KG111  A9
    KG141  AA
    KG121  AC
    KG111  AD
    KG141  AE
    KG131  AF B1 B2 C1 C2

G5          SINGLE CARD
            5803757 3757

    KG151  A1 A4
    KG141  A5 A6
    KG131  A7
    KG151  A8 A9
    KG141  AA
    KG151  AC AD
    KG141  AE
    KG131  AF
    KG101  B1 B2
    KG151  C1 C2

G6          SINGLE CARD                    CS
            5800236 0236

    MB201  A1 B1 C1 D1 E1 F1

G7          SINGLE CARD                    RPQ

        BA000

H1          CONNECTOR
            A09   MB101AG4
            B09   MB101AJ4
            B11   MB101AH4
            C09   MB101AV4
            C11   MB101AK4
            D11   MC101AY4
            E11   MC101AQ4

H2          DOUBLE CARD
H3          5804619 4619

    RB201  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB211  15
    RB201  16
    RB211  17 18 19 20 21 22
           23 24 25 27 28 29
    RB201  30
    RB211  31 32 33
    RB201  34 35 36 37 38 39
           40 41 42 43
    RB211  44 45 46 47 48 49
           50 51
    RB201  52
    RB211  53 54
    RB201  55 56 57 58
    RB211  59 60 61 62
    RB201  63 64
    RB211  65 66
    RB201  67
    RB211  68
    RB201  69
    RB211  70

H4          DOUBLE CARD
H5          5804617 4617

    RD141  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14
    RA201  15 16 17 18 19 20
           21 22 23 24 25 26
           27 28 29 30 31 32
           33 34 35 36
    RA211  37 38 39 40 41 42
           43 44 45 46 47 48
           49 50 51 52 53 54
           55 56 57 58
    RQ141  59 60 61 62 64 65
           66 67 68 69 70 71
           72 73 74 75 80 81
           82 83 84 85
    RD141  86
    RA211  87
    RA201  88
    RA211  89

H6          SINGLE CARD                    DISK
            5803793 3793

    XF231  01 02 03 04 05 06
           07 08 09 10 11 12
           13 14 15 16 17 18
           19 20 21 22 23 24
           25 26 27 28 29 30
           31 32 33 34 35 36
           37 38 39 40 41 42

H7          SINGLE CARD                    SAC

        BA001

J1          CONNECTOR
            A11   MB101AY4
            B09   MC101AZ4
            B11   MC101AW4
            C09   MB101AX4
            C11   MB101AW4
            D09   MB101AZ4
            D11   MB101AY4
            E09   MB101BD4
            E11   MB101BC4

J2          DOUBLE CARD
J3          5804619 4619

    RB221  01 02 03 04 05 06
           07 08 09 10 12 13
           14
    RB231  15
    RB221  16
    RB231  17 18 19 20 21 22
           23 24 25 27 28 29
    RB221  30
    RB231  31 32 33
    RB221  34 35 36 37 38 39
           40 41 42 43
    RB231  44 45 46 47 48 49
           50 51
    RB221  52
    RB231  53 54
    RB221  55 56 57 58
    RB231  59 60 61 62
    RB221  63 64
    RB231  65 66
    RB221  67
    RB231  68
    RB221  69
    RB231  70
```

SOCKET LISTING
DATE 03-13-67 MACH. 1131

LOC 072U BOARD 01B-B1
PREV. ENGR. 05-30-66 419613
PRES. ENGR. 02-24-67 419633
P.N. 2201221 SDD

IBM CORP. SDD BLK.

A C O O S 5 000

J4 J5 DOUBLE CARD 5804617 4617

RD151	01	02	03	04	05	06
	07	08	09	10	11	12
	13	14				
RA221	15	16	17	18	19	20
	21	22	23	24	25	26
	27	28	29	30	31	32
	33	34	35	36		
RA231	37	38	39	40	41	42
	43	44	45	46	47	48
	49	50	51	52	53	54
	55	56	57	58		
RQ151	59	60	61	62	64	65
	66	67	68	69	70	71
	72	73	74	75	80	81
	82	83	84	85		
RD151	86					
RA231	87					
RA221	88					
RA231	89					

J6 SINGLE CARD 5803793 3793 DISK

XF221	01	02	03	04	05	06
	07	08	09	10	11	12
	13	14	15	16	17	18
	19	20	21	22	23	24
	25	26	27	28	29	30
	31	32	33	34	35	36
	37	38	39	40	41	42

J7 SINGLE CARD SAC

BA001

K1 CONNECTOR

A09	MB101AP4	
A11	MB101AN4	
E09	RB221BH6	
E11	WZ061AE4	

K2 K3 DOUBLE CARD 5804619 4619

RB241	01	02	03	04	05	06
	07	08	09	10	12	13
	14					
RB251	15					
RB241	16					
RB251	17	18	19	20	21	22
	23	24	25	27	28	29
RB241	30					
RB251	31	32	33			
RB241	34	35	36	37	38	39
	40	41	42	43		
RB251	44	45	46	47	48	49
	50	51				
RB241	52					
RB251	53	54				
RB241	55	56	57	58		
RB251	59	60	61	62		
RB241	63	64				
RB251	65	66				
RB241	67					
RB251	68					
RB241	69					
RB251	70					

K4 K5 DOUBLE CARD 5804617 4617

RD161	01	02	03	04	05	06
	07	08	09	10	11	12
	13	14				
RA241	15	16	17	18	19	20
	21	22	23	24	25	26
	27	28	29	30	31	32
	33	34	35	36		
RA251	37	38	39	40	41	42
	43	44	45	46	47	48
	49	50	51	52	53	54
	55	56	57	58		
RQ161	59	60	61	62	64	65
	66	67	68	69	70	71
	72	73	74	75	80	81
	82	83	84	85		
RD161	86					
RA251	87					
RA241	88					
RA251	89					

A C O

OK6 5 SINGLE CARD 5803024 3024

RB301	A1	A2	A3	A4	B1	B2

K6 B3 B4

K7 SINGLE CARD 5803022 3022

KR101	A1	A2	A3	A4	A5	A6
	A7	A8	A9			

L1 CONNECTOR

A09	RB221BH6	
A11	WZ061AB4	
B09	RB231BH6	
B11	WZ061AC4	
C09	RB241BH6	
C11	WZ061AD4	
D09	RB251BH6	
D11	WZ061AE4	
E09	RB261BH6	
E11	WZ061AF4	

L2 L3 DOUBLE CARD 5804619 4619

RB261	01	02	03	04	05	06
	07	08	09	10	12	13
	14					
RB271	15					
RB261	16					
RB271	17	18	19	20	21	22
	23	24	25	27	28	29
RB261	30					
RB271	31	32	33			
RB261	34	35	36	37	38	39
	40	41	42	43		
RB271	44	45	46	47	48	49
	50	51				
RB261	52					
RB271	53	54				
RB261	55	56	57	58		
RB271	59	60	61	62		
RB261	63	64				
RB271	65	66				
RB261	67					
RB271	68					
RB261	69					
RB271	70					

L4 L5 DOUBLE CARD 5804617 4617

RD171	01	02	03	04	05	06
	07	08	09	10	11	12
	13	14				
RA261	15	16	17	18	19	20
	21	22	23	24	25	26
	27	28	29	30	31	32
	33	34	35	36		
RA271	37	38	39	40	41	42
	43	44	45	46	47	48
	49	50	51	52	53	54
	55	56	57	58		
RQ171	59	60	61	62	63	64
	65	66	67	68	69	70
	71	72	73	74	75	80
	81	82	83	84	85	
RD171	86					
RA271	87					
RA261	88					
RA271	89					

L6 SINGLE CARD 5803024 3024

RB311	A1	A2	A3	A4	B1	B2
	B3	B4				

L7 SINGLE CARD 5803022 3022

KR101	A1	A2	A3	A4	A5	A6
	A7	A8	A9			

M1 CONNECTOR

A11	WZ061AJ4	
B09	RR271BH6	
B11	WZ061AG4	
C09	KR111BE4	
C11	WZ061AH4	
D09	KR111BF4	
D11	WZ061AJ4	

M2 CONNECTOR

B02	RB121BJ2	
B03	RB141BJ2	
B04	RB161BJ2	
B05	RB201BJ2	
B07	RB221BJ2	
B08	RB241BJ2	
B09	RB261BJ2	
B10	RA101AU2	
B12	RA121AU2	
D02	RB131BJ2	
D04	RB151BJ2	
D05	RB171BJ2	
D06	RB211BJ2	
D07	RB231BJ2	
D09	RB251BJ2	
D10	MB101AA4	
D11	RA111AU2	
D12	RA131AU2	

M3 CONNECTOR

B02	RB101BH2	
B03	RB121BH2	
B04	RB141BH2	
B05	RB161BH2	
B07	RB201BH2	
B08	RB221BH2	
B09	RB241BH2	
B10	RB261BH2	
B12	RA201AU2	
B13	RA221AU2	
D02	RB111BH2	
D04	RB131BH2	
D05	RB151BH2	
D06	RB171BH2	
D07	RB211BH2	
D09	RB231BH2	
D10	RB251BH2	
D11	RB271BH2	
D12	RA211AU2	
D13	RA231AU2	

M4 SINGLE CARD 5803807 3807

KG201	A1	A2	A3	A4	A5	A6
KU101	B1	C1	C2	C3		

M5 SINGLE CARD 5803291 3291

BB101	A1	
BB111	B1	C1
BB121	D1	E1
BB131	F1	G1
BB141	H1	
BB101	K1	L1
BB111	M1	
BB121	N1	
BB131	P1	Q1
BB141	R1	U1

UNUSED PORTIONS

J S T V

M6 SINGLE CARD RPQ

BA000

M7 SINGLE CARD SAC

BA001

N2 CONNECTOR

B02	RB121AQ2	
B03	RB141AQ2	
B04	RB161AQ2	
B05	RB201AQ2	
B07	RB221AQ2	
B08	RB241AQ2	
B09	RB261AQ2	
B10	RA141AU2	
B12	RA161AU2	
D02	RB131AQ2	
D04	RB151AQ2	
D05	RB171AQ2	
D06	RB211AQ2	
D07	RB231AQ2	
D09	RB251AQ2	
D10	RB271AQ2	
D11	RA151AU2	
D12	RA171AU2	

N3 CONNECTOR

B02	RQ101AY2	
B03	RQ111AY2	
B04	RQ121AY2	
B05	RQ131AY2	
B07	RQ141AY2	
B08	RQ151AY2	
B09	RQ161AY2	
B10	RQ171AY2	
B12	RA241AU2	
B13	RA261AU2	
D02	RQ101AX2	
D04	RQ111AX2	
D05	RQ121AX2	
D06	RQ131AX2	
D07	RQ141AX2	
D09	RQ151AX2	
D10	RQ161AX2	
D11	RQ171AX2	
D12	RA251AU2	
D13	RA271AU2	

N4 CONNECTOR

B02	RD101AP2	
B03	RD111AP2	
B04	RD121AP2	
B05	RD131AP2	
B07	RD141AP2	
B08	RD151AP2	
B09	RD161AP2	
B10	RD171AP2	
D02	RD101AQ2	
D04	RD111AQ2	
D05	RD121AQ2	
D06	RD131AQ2	
D07	RD141AQ2	
D09	RD151AQ2	
D10	RD161AQ2	
D11	RD171AQ2	

N5 CONNECTOR

B02	BB101AA4	
B03	BB101AC4	
B04	BB111AB4	
B05	BB121AA4	
B07	BB121AC4	
B08	BB131AB4	
B09	BB131AD4	
B10	BB141AB4	
B13	XC141AA4	
D02	BB101AB4	
D04	BB111AA4	
D05	BB111AC4	
D06	BB121AB4	
D07	BB131AA4	
D09	BB131AC4	
D10	BB141AA4	
D11	BB141AC4	
D12	XF141AW4	
D13	XF141BC4	

N6 CONNECTOR

B02	RB301AA4	
B03	RB301AC4	
B04	RB301AE4	
B05	RB301AG4	
B07	RB311AA4	
B08	RB311AC4	
B09	RB311AE4	
B10	RB311AG4	
D02	RB301AB4	
D04	RB301AD4	
D05	RB301AF4	
D06	RB301AH4	
D07	RB311AB4	
D09	RB311AD4	
D10	RB311AF4	
D11	RB311AH4	

N7 SINGLE CARD CR

BA001

PLUG LIST

PART NO	ACC	TYPE	SOCKETS				TOTAL
5800236		0236	C7				01
5800236	CS	0236	G6				01
5800238		0238	D7				01
5800533		0533	G2				01
5803016		3016	F2				01
5803022		3022	K7	L7			02
5803024		3024	K6	L6			02
5803028	DISK	3028	F6				01
5803291		3291	M5				01
5803686	DISK	3686	C6				01
5803757		3757	F3	F4	F5	G3	06
			G4	G5			
5803793	DISK	3793	H6	J6			02
5803807		3807	M4				01
5804617		4617	B4	C4	D4	E4	08
			H4	J4	K4	L4	
5804619		4619	B3	C3	D3	E3	08
			H3	J3	K3	L3	
		CONN	A1	A2	A3	A4	26
			A5	A7	B1	B6	
			B7	C1	D1	E1	
			F1	G1	H1	J1	
			K1	L1	M1	M2	
			M3	N2	N3	N4	
			N5	N6			
	CR		N7				01
	PE		F7				01
	RPQ		D5	G7	M6		03
	SAC		A6	E6	E7	H7	06
			J7	M7			

SOCKET LISTING
DATE 03-13-67 MACH. 1131

LOG 072U BOARD 01B-81
PREV. ENGR. 05-30-66 419613
PRES. ENGR. 02-24-67 419633
P.N. 2201221 SDD

IBM CORP. SDD BLK.

A C O 0 5 000

JUMPERS AND TIE-DOWNS

CONFIGURATION	FUNCTION	NET NO.	FROM-TO
1442 PROGRAM LOAD	+ SRP READY	XR201BA4	A-B1B3D13 - C1D09
1442 PROGRAM LOAD	+ FEED CB-2	XR281AZ4	A-B1D4D12 - C1E09
1442 PROGRAM LOAD	- PROG LOAD	XR281BB5	A-B1D1E09 - J4D12
PAPER TAPE PROG LD	+ PT RDR RDY	XT311BQ4	A-B1D6D02 - C1D09
PAPER TAPE PROG LD	+ PT CHAN 5	XT221BM4	A-B1E7B07 - C1E09
PAPER TAPE PROG LD	- PROG LOAD	XT221BF5	A-B1D1E09 - D6B08
NO CARD READ/PUNCH	+ REQ INT LVL 0	KM201AY4	B-A1J7B13 - J7D08
NO 1132	+ REQ INT LVL 1	DU121BB4	A-C1K3B13 - K3D08
NO 1132	+ CS LVL 2	KM212AT4	B-A1E7D10 - E7D08
NO PAPER TAPE	+ PT RESPONSE	XT301AL4	A-C1G4D02 - G4D08
1055 AND NO 1134	+ PT STATUS BUSY	XT101BP4	A-B1M7B10 - M7D08
NO DISK STORAGE	+ REQ INT LVL 2	XF151AR2	A-C1H4D11 - H4D08
NO DISK STORAGE	+ CS LVL 0	KM211AT4	A-C1L4B04 - L4D08
CSB WITHOUT CSA	- CS TR 2 OR 3	KM212AU4	B-A1E7D04 - E7D02
1627 MOD 1	BUSY SS-1	XG101AY4	A-C1M4G07 - M4J11
1627 MOD 1	BUSY SS-2	XG101AZ4	A-C1M4G09 - M4B13
1627 MOD II	BUSY SS-1	XG101AY4	A-C1M4G07 - M4G13
1627 MOD II	BUSY SS-2	XG101AZ4	A-C1M4G09 - M4B12
NO SAC	+ CHAN WR GT	FA181BH4	B-B1B5D12 - B5D08
NO SAC	+ REQ CS LVL 1	FA181BJ4	B-B1B7D12 - B7D08
2501	- X6	KU211AB4	A-C1F6B13 - H5D05
NO 2501	- T6	XC141AA4	A-C1F6D07 - H5D05
NO 2501	+ CR RD GT	FA191AN4	A-C1J3D09 - J3D08
NO 2501 AND NO 1231	+ EOP RESP	FA171AK4	A-C1J3B09 - J3D08
2501 PROGRAM LOAD	+ 2501 READY	FA171SY4	A-A1C4G08 - F8C04
2501 PROGRAM LOAD	+ FEED CB-2	FR121SZ4	A-A1B3B13 - F8B04
2501 PROGRAM LOAD	- PROG LOAD	FR121SW3	A-A1F8D04 - F5D05
2501 OR 1231 AND NO SCA	- B BIT 0	RB301AA4	A-A1M3B02 - N3B02
2501 OR 1231 AND NO SCA	- B BIT 1	RB301AB4	A-A1M3D02 - N3D02
2501 OR 1231 AND NO SCA	- B BIT 2	RB301AC4	A-A1M3B03 - N3B03
2501 OR 1231 AND NO SCA	- B BIT 3	RB301AD4	A-A1M3D04 - N3D04
2501 OR 1231 AND NO SCA	- B BIT 4	RB301AE4	A-A1M3B04 - N3B04
2501 OR 1231 AND NO SCA	- B BIT 5	RB301AF4	A-A1M3D05 - N3D05
2501 OR 1231 AND NO SCA	- B BIT 6	RB301AG4	A-A1M3B05 - N3B05
2501 OR 1231 AND NO SCA	- B BIT 7	RB301AH4	A-A1M3D06 - N3D06
2501 OR 1231 AND NO SCA	+ T6	KU211AD4	A-A1M3B12 - N3B12
2501 OR 1231 AND NO SCA	+ T4	KU211AC4	A-A1M3B13 - N3B13
2-US MACH (SJ-2)	+GT B TO CCC	KT301BE4	B-A1K1E09 - N3D10
2-US MACH	+WR GT PH B	KG251BJ4	B-A1L1B09 - H5D09
4-US MACH (SJ-4)	+GT B TO CCC	KT301BE4	B-A1K4D06 - N3D10
4-US MACH	+WR GT PH B	KG251BJ4	B-A1N1A11 - H5D09
EXPANDED STORAGE	+ FILE ADDR BIT 2	XF231BV2	B-B1H6D09 - H1D09
1442 MOD 5	DELETED FUNCTION	XR221AU4	A-B1C3B12 - PIN SIDE
1442 MOD 5	DELETED FUNCTION	XR221AT4	A-B1C3B10 - PIN SIDE
1442 MOD 5	DELETED FUNCTION	XR241-AB	A-B1E3D02 - PIN SIDE
1442 MOD 5	DELETED FUNCTION	XR241-AD	A-B1E3D06 - CARD SIDE
1442 MOD 5	+ READ SCA 11	XR221BM4	A-B1C3B13 - K2B03
1442 MOD 5	GROUNDED INPUT	XR241-AB	A-B1E3D02 - E3D08
1442 MOD 5	GROUNDED INPUT	XR241-AD	A-B1E3D06 - E3D08
1442 MOD 5	+U BIT 13	DU111AC4	A-B1F1D09 - A2D11

REFER TO PAGE AD003 FOR SCA JUMPERS

SINGLE-SHOT TIMING

ADJUSTABLE

NAME	PAGE	LOCATION		TIME	TOL
TWR SS-1	XW101	A-C1F5B03	-TOP	25 MS	± 3 MS
TWR SS-2	XW101	A-C1F5B07	-BOT	25 MS	± 3 MS
KBD SS-1	XK101	A-C1E3B03	-TOP	25 MS	± 3 MS
KBD SS-2	XK101	A-C1E3B07	-BOT	25 MS	± 3 MS
READ CHK SS	XR301	A-B1K3B03	-TOP	100 US	± 12 US
PUNCH GT SS	XR301	A-B1K3B07	-BOT	350 US	± 42 US
PT RDR SS	XT301	A-B1G6B07	-BOT	500 US	± 60 US
DISK R/W SS	XF181	A-C1M6J13		250 US	± 28 US
SETTLE SS	XF171	A-C1L2D13		22.5 MS	± 2.0 MS
TIME OUT SS	FC341	C-A1A6D06	-TOP	80 MS	± 20 MS
XMIT TIMER DLY	FC341	C-A1F1D13		1.25 SEC	± .4 SEC
RCV TIMER DLY	FC341	C-A1J1D13		3.0 SEC	± 1.0 SEC
DELAY SS	FC741	C-A1K1B10		1.0 MS	± 0.3 MS
PROG TIMER DLY	FC341	C-A1M1D13		350 MS	± 100 MS
RCV SHIFT SS	FC361	C-A1A5B03	-TOP	2.0 US	± 0.4 US
CE SS	FC331	C-A1A5B07	-BOT	100 MS	± 30MS
SELECT SS	FD321	A-A1C7D12	-BOT	40 MS	± 10 MS
TMG MK SS	FD321	A-A1C7D11	-TOP	90 MS	± 20 MS

FIXED

NAME	PAGE	LOCATION	TIME	TOL
CB SS	XP131	A-A1J3D11	4 MS	± .5 MS
USE METER SS	KW101	A-C1G7B02	400 MS	± 100 MS
SS-1 (1627 I)	XG101	A-C1M4J07	1.9 MS	± .3 MS
SS-1 (1627 II)	XG101	A-C1M4J07	2.9 MS	± .4 MS
SS-2 (1627 I)	XG101	A-C1M4G04	1.9 MS	± .3 MS
SS-2 (1627 II)	XG101	A-C1M4G04	2.9 MS	± .4 MS
1627 SS-3	XG111	A-C1M4J09	50 MS	± 8 MS
1627 SS-4	XG111	A-C1M4G10	50 MS	± 8 MS
ERASE CK SS	FR161	A-A1F4B03	5 MS	± 1.6 MS
RECORD EMIT SS	FR161	A-A1F4B04	500 US	± 165 US
DISK SS	XF171	A-C1M6J06	28 MS	± 5 MS
NOISE MASK SS1	FD211	A-A1G6B02 -TOP	4 US	± .5 US
NOISE MASK SS2	FD211	A-A1G6D02-BOT	300 NS	± 50 NS

REFER TO ALD PAGES FOR SS TIMINGS ON SYSTEMS WITH RPQ PAPER TAPE EQUIPMENT

MACHINES WITH 4K CORE STORAGE WILL HAVE THE FOLLOWING DELETIONS TO DISABLE UPPER 4K:
DELETE B-B1F2D02 - PIN SIDE AND B-B1F6D02 - PIN SIDE
MACHINES BEING CONVERTED FROM 4K TO 8K STORAGE WILL REQUIRE THE FOLLOWING WIRE ADDITIONS:
ADD B-B1F2D02 TO F6D02 AND B-B1F2D02 TO H1A09.

BACK-PANEL CAPACITOR:
.22 UFD P/N 842607
A-C1N6D02 -L6DC8
SEE KR111 AND YP161

ADDITIVE CARD CODES

BLANK	BASIC
C	1500 SYSTEM
CR	2501
CS	CYCLE STEAL
CSA	DISK OR SAC
CSB	1132 OR 2501
C67	1442-6 OR 7
C567	1442-5,6 OR 7
DISK	DISK STOR
EXP	2501 OR SCA OR 1231
PL	1627
PR	1132
PTP	PT PUNCH
PTPL	PT PROG LD
PTR	PT READER
PTRP	PT RD/PCH
SAC	STOR ACC CHAN
SCA	COMMUN ADAPT
SCCR	SAC OR 2501
MR	1231
ES	EXPANDED STOR
ES2M	2 US EXPANDED STOR
OE2M	2 US OR RPQ OEM CHAN

OSCILLATOR ADJUSTMENTS

CPU OSCILLATOR - LOCATION: B-A1E5 FIXED FREQUENCY
SJ-4 (2.25 MC): + PH A (KA111, B-A1C4J05) AND + PH B (KA111, B-A1C4J10) ARE TO BE EQUAL WIDTH WITHIN ± 10% WHEN MEASURED AT THE 1 VOLT LEVEL.
SJ-2 (3.64 MC): + PH A (KA111, B-A1C4J05) AND + PH B (KA111, B-A1C4J10) ARE TO BE EQUAL WITHIN ± 5 NS, WHEN MEASURED AT THE 1-VOLT LEVEL

PAPER TAPE OSCILLATOR - LOCATION: A-B1K6
FREQUENCY: THE PERIOD OF THE WAVEFORM (XT331, A-B1H7B09) MUST BE 8.35 MS ± .25 MS (TOP POT)

SYMMETRY: + OSCILLATOR TRIGGER (XT331, A-B1H7B09) MUST BE 4.5 MS ± .5 MS IN DURATION. (BOTTOM POT)

DATE	EC NUMBER	DATE	EC NUMBER
15OCT68	419694		
10APR69	419695		
14AUG69	571053		

RED

ACC CODES-SS TIMING
JUMPERS-OSCILLATORS

DATE	MAY 67	P/N	2231011
		TYPE	1131B

IBM AD000

ADDITIVE CARD CODES

ACC	DESCRIPTION
BLANK	BASIC
CS	CYCLE STEAL
DISK	DISK STORAGE
PL	PLOTTER
PR	PRINTER
PTP	PAPER TAPE PUNCH
PTR	PAPER TAPE READER
PTRP	PAPER TAPE READER OR PUNCH
PTPL	PAPER TAPE PROGRAM LOAD
0567	CARD READER PUNCH
RPQ	SPECIAL SYSTENS

SINGLE SHOT TIMING

ADJUSTABLE

NAME	PAGE	LOCATION	TIME	TOL.
TWR SS-1	XW101	A-C1F5 - TOP	25 MS	± 3 MS
TWR SS-2	XW101	A-C1F5 - BOT	25 MS	± 3 MS
KBD SS-1	XK101	A-C1E3 - TOP	25 MS	± 3 MS
KBD SS-2	XK101	A-C1E3 - BOT	25 MS	± 3 MS
READ CHK SS	XR301	A-B1K3 - TOP	100 US	± 12 US
PUNCH GATE SS	XR301	A-B1K3 - BOT	350 US	± 42 US
PT READER SS	XT301	A-B1G6 - BOT	500 US	± 60 US
R/W SS	XF181	A-C1M6	250 US	± 28 US

FIXED

NAME		PAGE	LOCATION	TIME	TOL.
CB SS		XP131	A-A1J3	4 MS	± 0.5 MS
SETTLE SS		XF171	A-C1M6	28 MS	± 5 MS
BUSY SS-1	(MOD I 1627)	XG101	A-C1H4	1.9 MS	± 0.3 MS
BUSY SS-1	(MOD II 1627)	XG101	A-C1M4	2.9 MS	± 0.4 MS
BUSY SS-2	(MOD I 1627)	XG101	A-C1M4	1.9 MS	± 0.3 MS
BUSY SS-2	(MOD II 1627)	XG101	A-C1M4	2.9 MS	± 0.4 MS
BUSY SS-3		XG111	A-C1M4	50 MS	± 8 MS
BUSY SS-4		XG111	A-C1M4	50 MS	± 8 MS
USE METER SS		KW101	A-C1G7	400 MS	± 100 MS

JUMPERS AND TIE-DOWNS

CONFIGURATION	FUNCTION	NET NO.	FROM - TO
NO PAPER TAPE PROGRAM LOAD	+ SRP READY POWERED	XR201BA4	A-B1B3D13 - C1D09
NO PAPER TAPE PROGRAM LOAD	+ FEED CB-2 POWERED	XR281AZ4	A-B1D4D12 - C1E05
NO PAPER TAPE PROGRAM LOAD	- PROGRAM LOAD	XR281BB5	A-B1D1E09 - J4D12
NO CARD READER PUNCH	+ PT READER READY	XT301AA4	A-B1D6D02 - C1D09
NO CARD READER PUNCH	+ PT CHANNEL 5	XT321BJ4	A-B1E7B07 - C1E09
NO CARD READER PUNCH	- PROGRAM LOAD	XT221BF5	A-B1D1E09 - D6B08
NO CARD READER PUNCH	+ REQ INTERRUPT LVL 0	KM201AY4	B-A1J7B13 - J7D08
NO PRINTER	+ REQ INTERRUPT LVL 1	KM301BM4	B-A1G7D11 - G7D08
NO DISK STORAGE	+ REQ INTERRUPT LVL 2	XF151AR2	B-A1G6D12 - G6D08
NO CYCLE STEAL	+ CS LVL 0	KM211AT4	B-A1F7D10 - F7D08
NO CYCLE STEAL	+ CS LVL 1	KM211AV4	B-A1F7D11 - F7D08
" " "	+X6	KM111AQ2	B-A1D5 B08 - D5008

CONFIGURATION	FUNCTION	NET NO.	FROM - TO
NO PAPER TAPE READ OR PUNCH	+ PT RESPONSE	XT301AL4	A-C1G4D02 - G4D08
1627 MOD I PLOTTER	BUSY SS-1	XG101AY4	A-C1M4G07 - M4J11
1627 MOD I PLOTTER	BUSY SS-2	XG101AZ4	A-C1M4G09 - M4B13
1627 MOD II PLOTTER	BUSY SS-1	XG101AY4	A-C1M4G07 - M4G13
1627 MOD II PLOTTER	BUSY SS-2	XG101AZ4	A-C1M4G09 - M4B12

MACHINES WITH 4K CORE STORAGE WILL HAVE THE FOLLOWING DELETIONS TO DISABLE UPPER 4K ADDRESSING:

DELETE B-B1F2D02 - PIN SIDE

DELETE B-B1F6D02 - PIN SIDE

MACHINES BEING CONVERTED FROM 4K STORAGE TO 8K STORAGE WILL REQUIRE THE FOLLOWING WIRE ADDITIONS TO ALLOW UPPER 4K ADDRESSING:

ADD B-B1F2D02 - F6D02

ADD B-B1F2D02 - H1A09

OSCILLATOR ADJUSTMENTS

CPU CLOCK OSCILLATOR ——— LOCATION: B-A1E5, FIXED FREQUENCY, ADJUSTABLE SYMMETRY.

SYMMETRY ADJUSTMENT: + PHASE A (KA111, B-A1C4J05) AND + PHASE B (KA111, B-A1C4J10) ARE TO BE EQUAL WIDTH WITHIN ± 10% WHEN MEASURED AT THE 50% POINT ON THE WAVEFORMS.

PAPER TAPE READER OSCILLATOR ——— LOCATION: A-B1K6, ADJUSTABLE IN FREQUENCY AND IN SYMMETRY.

SYMMETRY ADJUSTMENT (BOTTOM POT): + OSCILLATOR TRIGGER (XT331, A-B1H7B09) MUST BE 4.5 MS ± 0.5 MS IN DURATION.

FREQUENCY ADJUSTMENT (TOP POT): THE PERIOD OF THE OSCILLATOR TRIGGER WAVEFORM (XT331, A-B1H7B09) MUST BE 8.6 MS +_ 0.25 MS.

DATE	EC NUMBER	DATE	EC NUMBER
AUG 65	415401A		
OCT 65	415483A		
FEB 66	419603		
JUN 66	419613		
OCT 66	419623		

ACC CODES - SS TIMING

JUMPERS - TIE DOWNS

DATE | P/N 2201235

TYPE 1131

IBM AD000

2	3	4	5	6	7

A-A1

FROM	TO
A2	PC-7
A3	PC-7
A4	PC-7
A5	—
A6	—
A7	—
N2	A-B1A2
N3	**
N4	B-B1B7
N5	A-B1A5
N6	—

A-B1

FROM	TO
A2	A-A1N2
A3	PC-6
A4	PC-6
A5	A-A1N5
A6	PF-3
M6	**
N2	PC-6
N3	PC-6
N5	PF-5
N6	A-C1A6
N7	A-C1A7
* T1	A-C1T1
* T2	A-C1T2

A-C1

FROM	TO
A2	PBS
A3	PKT
A4	PF-1,2
A5	PKL
A6	A-B1N6
A7	A-B1N7
B6	B-B1N6
B7	—
M2	—
M3	—
N2	B-B1N5
N3	B-B1B6
N4	B-A1A6
N5	PF-6
N6	B-A1A7
N7	X-A1A2
* T1	A-B1T1
* T2	A-B1T2

B-A1

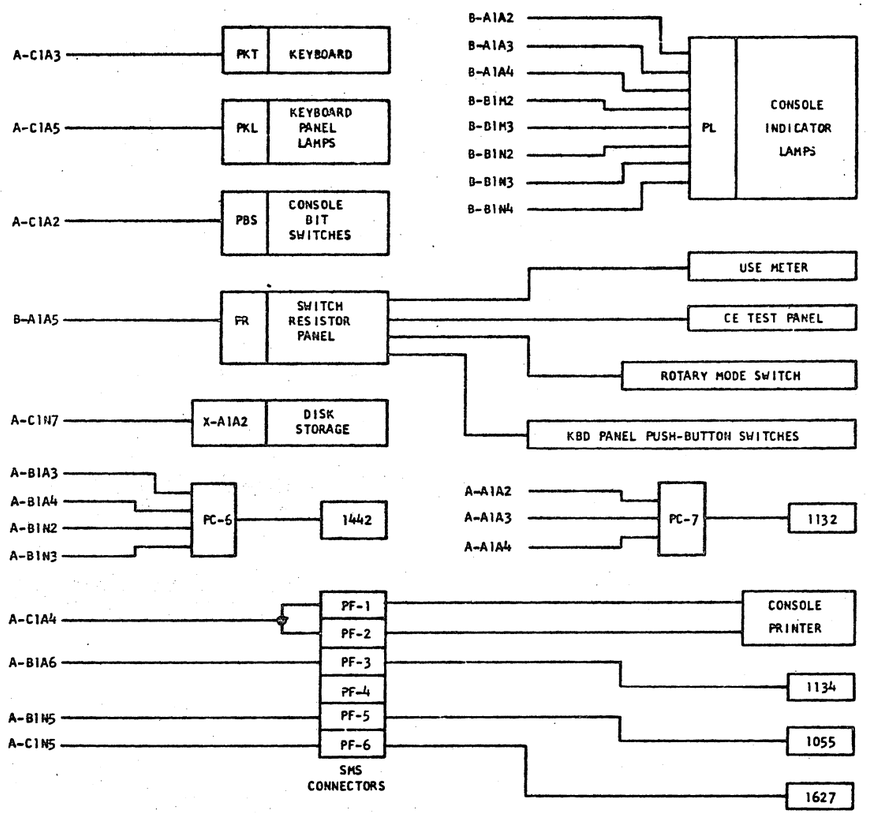
FROM	TO
A2	PL
A3	PL
A4	PL
A5	PR-2,4,6
A6	A-C1N4
A7	A-C1N6
M7	—
N2	B-B1A2
N3	B-B1A3
N4	B-B1A4
N5	B-B1A5
N6	—
N7	B-B1A7
* T2	B-B1T2

B-B1

FROM	TO
A2	B-A1N2
A3	B-A1N3
A4	B-A1N4
A5	B-A1N5
A6	—
A7	B-A1N7
B6	A-C1N3
B7	A-A1N4
M2	PL
M3	PL
N2	PL
N3	PL
N4	PL
N5	A-C1N2
N6	A-C1B6
N7	—
* T1	B-C1T1
* T2	B-A1T2
* T3	B-C1T3
* T4	B-C1T4

* T1, T2, T3 AND T4 ARE THE HORIZONTAL SOCKETS AT THE TOP OF EACH SLT BOARD. NUMBERING IS FROM LEFT TO RIGHT ON THE CARD SIDE.

** CABLE A-A1N3 TO A-B1N6 IS INSTALLED ONLY ON MACHINES WITH AN 1132.



DATE	EC NUMBER	DATE	EC NUMBER	SIGNAL CABLE TERMINATIONS			
OCT 65	415483A			DATE		P/N	2201298
						TYPE	1131
				IBM		AE000	

000 BA000

SPARE RPQ A-A1A7 1B-AH	SPARE RPQ A-A1F7 2B-AA	SPARE RPQ A-A1G7 3B-AB	SPARE RPQ A-A1H7 4B-AC	SPARE RPQ A-A1J7 5B-AD	SPARE RPQ A-A1K7 6B-AE	SPARE RPQ A-A1L7 7B-AF
SPARE RPQ 5400 A-A1M7 1D-AG	SPARE RPQ A-A1N7 2D-AJ	SPARE RPQ A-B1A7 3D-AK	SPARE RPQ A-B1B7 4D-AL	SPARE RPQ A-B1C7 5D-AM	SPARE RPQ A-B1D7 6D-AN	SPARE RPQ A-C1B7 7D-AT
SPARE RPQ A-C1C6 1F-AU	SPARE RPQ A-C1C7 2F-AV	SPARE RPQ A-C1D7 3F-AW	SPARE RPQ A-C1K2 4F-BW	SPARE RPQ A-C1M2 5F-BA	SPARE RPQ B-A1B7 6F-BB	SPARE RPQ B-A1L7 7F-BC
SPARE RPQ B-A1D7 1H-BD	SPARE RPQ B-B1D6 2H-BV	SPARE RPQ B-B1G7 3H-BE	SPARE RPQ B-B1M6 4H-BF	SPARE PE A-B1N4 5H-CC		
SPARE PE 5400 A-A1M6 1K-CE	SPARE PE A-B1L6 2K-CB	SPARE PE A-C1L2 3K-CA		SPARE PE B-B1F7 5K-BX	SPARE PE A-B1L7 6K-CD	NOTE 1 SPARE RPQ A-A1J1 7K-BK
NOTE 2 SPARE RPQ A-A1M1 1M-BL	NOTE 3 SPARE RPQ A-B1J1 2M-BM	NOTE 4 SPARE RPQ A-B1M1 3M-BN	NOTE 5 SPARE RPQ A-C1J1 4M-BP	NOTE 6 SPARE RPQ A-C1M1 5M-BQ	NOTE 7 SPARE RPQ B-A1J1 6M-BR	NOTE 8 SPARE RPQ B-A1M1 7M-BS

NOTE 1 TOP CONN A-A1T3
NOTE 2 TOP CONN A-A1T4
B NOTE 3 TOP CONN A-B1T3
A NOTE 4 TOP CONN A-B1T4
0 NOTE 5 TOP CONN A-C1T3
C NOTE 6 TOP CONN A-C1T4
0 NOTE 7 TOP CONN B-A1T3
NOTE 8 TOP CONN B-A1T4
000

07-20-65 415481
08-26-65 415483
11-24-65 415496
12-07-65 415725
03-10-66 415709G
05-16-66 419609
08-23-66 419625
02-24-67 419633

SOCKET RESERVATIONS

DATE 03-13-67 MACH. 1131

LOG 072N FRAME 01

P.N. 2201284

IBM CORP. GRD BLK. CF

B A 0 0 0 000

SPARE
CR
A—A1A5
1A—AA

SPARE
CR
A—A1A6
1B—AB

SPARE
CR
5400
A—A1B4
1C—AC

SPARE
CR
5400
A—A1B5
1D—AD

SPARE
CR
5400
A—A1B6
1E—AE

SPARE
CR
5400
A—A1B7
1F—AF

SPARE
CR
A—A1C4
1G—AG

SPARE
CR
A—A1C5
1H—AH

SPARE
CR
A—A1C6
1J—AJ

SPARE
CR
A—A1C7
1K—AK

SPARE
CR
A—A1D4
1L—AL

SPARE
CR
A—A1D5
1M—AM

SPARE
CR
A—A1D6
1N—AN

SPARE
CR
A—A1D7
2A—AP

SPARE
CR
A—A1E4
2B—AQ

SPARE
CR
A—A1E5
2C—AR

SPARE
CR
A—A1E6
2D—AS

SPARE
CR
A—A1E7
2E—AT

SPARE
CR
A—A1F4
2F—AU

SPARE
CR
A—A1F5
2G—AV

SPARE
CR
A—A1F6
2H—AW

SPARE
CR
A—A1G4
2J—AX

SPARE
CR
A—A1G5
2K—AY

SPARE
CR
A—A1G6
2L—AZ

SPARE
CR
A—A1H4
2M—BA

SPARE
CR
A—A1H5
2N—BB

SPARE
CR
A—A1H6
3A—BC

SPARE
CR
A—A1J4
3B—BD

SPARE
CR
A—A1J5
3C—BE

SPARE
CR
A—A1J6
3D—BF

SPARE
CR
A—A1K4
3E—BG

SPARE
CR
A—A1K5
3F—BH

SPARE
CR
A—A1K6
3G—BJ

SPARE
CR
A—A1L4
3H—BK

SPARE
CR
A—A1L5
3J—BL

SPARE
CR
A—A1L6
3K—BM

SPARE
CR
5400
A—A1M5
3L—BN

SPARE
CR
B—B1N7
3M—BP

SPARE
CAT
5400
A—A1M4
6A—CL

SPARE
CAT
A—A1N6
6B—CD

SPARE
CAT
A—C1M3
6C—CE

SPARE
SAC
2—C1K3
5D—BT

SPARE
SAC
B—A1C7
5E—BU

SPARE
SAC
B—A1L6
5F—BV

SPARE
SAC
B—A1M6
5G—BW

SPARE
SAC
B—A1N6
5H—BX

SPARE
SAC
B—B1A6
5J—BY

SPARE
SAC
B—B1E6
5K—BZ

SPARE
SAC
B—B1E7
5L—CA

SPARE
SAC
B—B1H7
5M—CB

SPARE
SAC
B—F1J7
5N—CC

SPARE
SAC
B—A1M7
6L—CQ

SPARE
SAC
A—C1L3
6M—CN

SPARE
SAC
B—B1M7
6N—CM

SPARE
EXP
A—C1H2
7B—CG

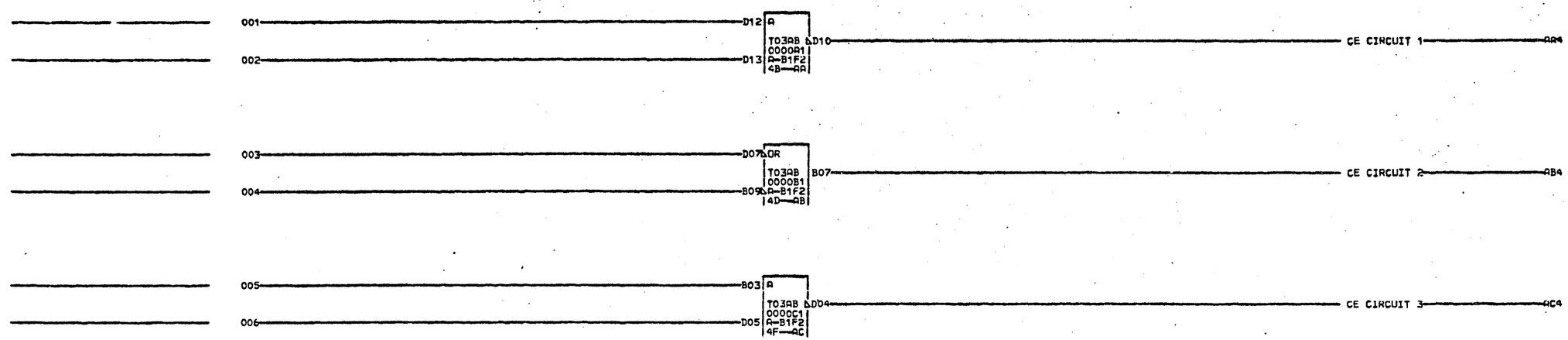
SPARE
EXP
A—C1J2
7C—CH

SPARE
EXP
B—A1E7
7E—CK

11-24-65 415496
12-07-65 415725
05-16-66 419609
02-24-67 419633

SOCKET RESERVATIONS
DATE 03-13-67 MACH. 1131
LOG . 072N FRAME 01
P.N. 2201342
IBM CORP. GPD BLK. CR

BA001 000



08-26-65 415483

CE CARD	
DATE 09-01-65 MACH. 1131	BA101
LOG 244N FRAME 01	
P.N. 2201286	000
IBM CORP. GPD BLK. AG	

BA101
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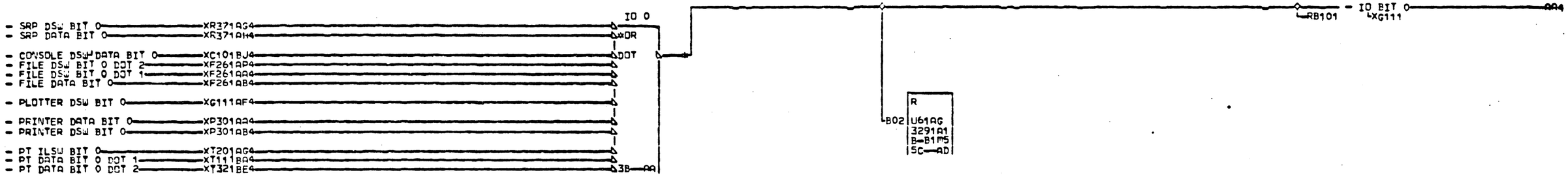

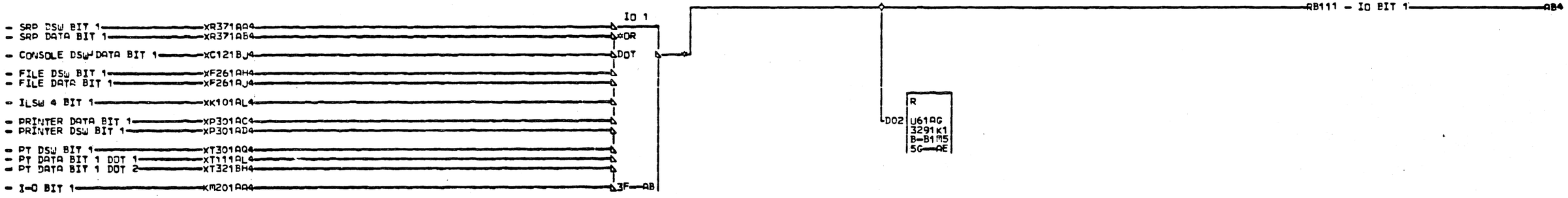

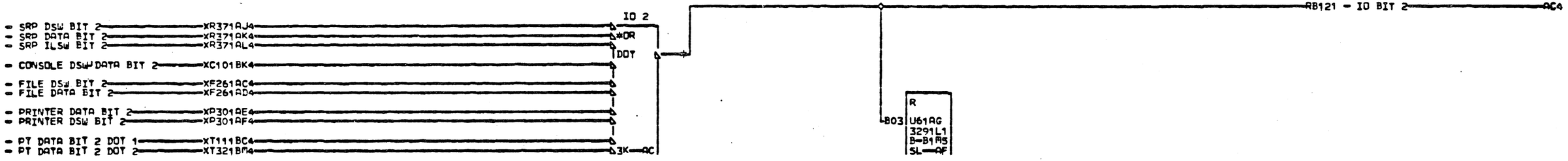

B
B
1
0
1

000

AA4 B-B1N5B02 01A-B1A1E09
01A-C1N2B02 01A-B1A2D02
01A-C1B1A11 01A-A1N2D02
01A-B1B1A11 AC4 B-B1N5B03
01A-B1A2B03 01A-C1N2B03
01A-A1N2B03 01A-C1B1B11
AB4 B-B1N5D02 01A-B1B1B11
01A-C1N2D02 01A-B1A2B04
01A-C1A1E09 01A-A1N2B04

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
08-26-65 415483
02-24-67 419633

INPUT-OUTPUT BUS
BITS 0 1 2
DATE 03-09-67 RACH. 1131
LOG 047F FRAME 01
P.N. 2201001
IBM CORP. GPD BLK. AS

B
B
1
0
1
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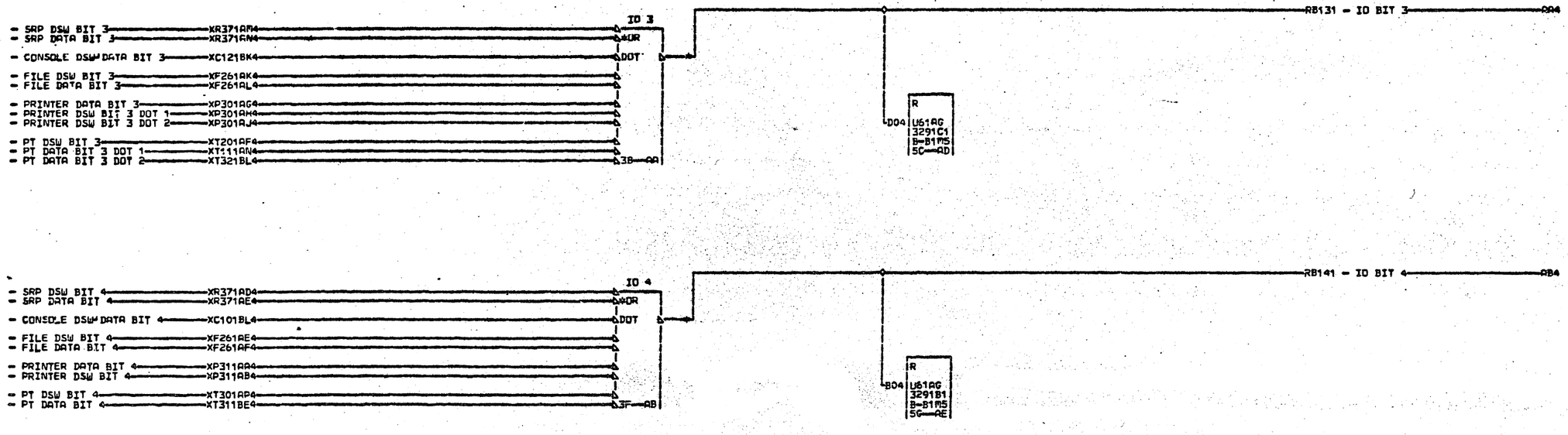

B
B
1
1
1
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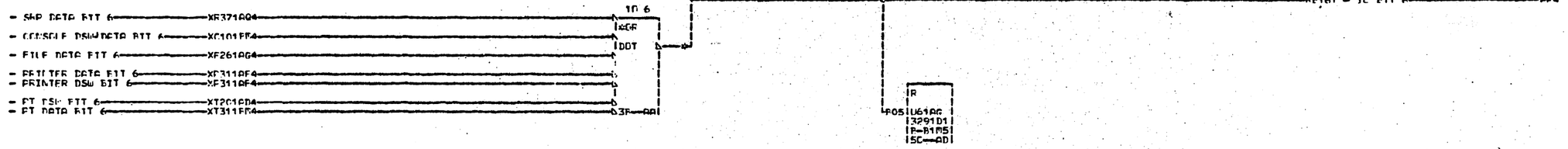
AA4 B-B1N5D04 01A-C1N2B04 01A-B1A2D04
01A-C1N2D04 01A-C1B1C11 01A-A1N2D04
01A-C1B1A09 01A-B1B1C11
01A-C1A1E11 01A-B1A2B05
01A-B1A1E11 01A-A1N2B05
01A-B1B1A09 AC4 B-B1N5D05
01A-B1A2D03 01A-C1N2D05
01A-A1N2D03 01A-C1B1B09
AB4 B-B1N5B04 01A-B1B1B09

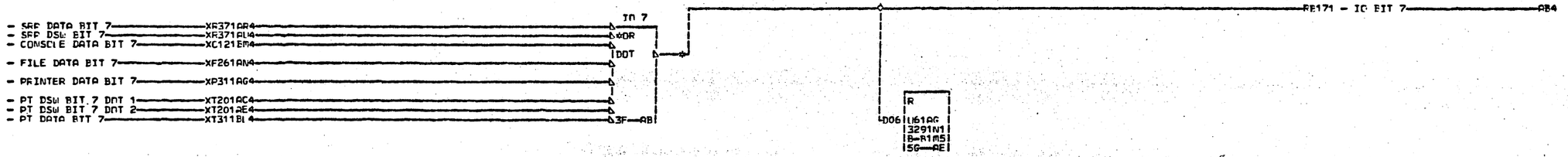
02-17-65 415480
03-04-65 4154B0A
04-28-65 4154B0D
08-26-65 415483

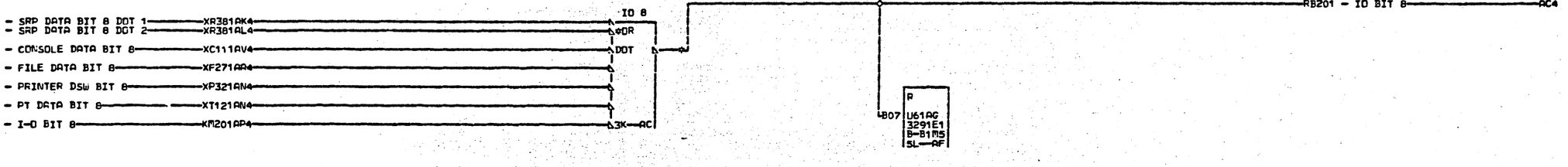
INPUT-OUTPUT BUS
BITS 3 4 5
DATE 09-01-65 MACH. 1131
LOG 244N FRAME 01
P.N. 2201002
IBM CORP. GPD BLK. AG

B
B
1
1
1
000

CCO BE121



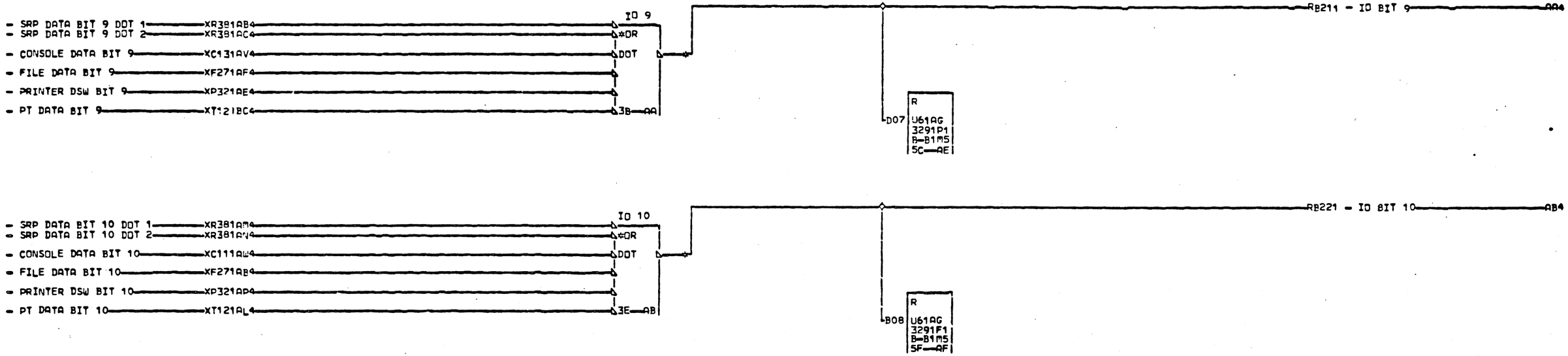




B	AA4 B-B1N5B05	01A-C1N2D06	01A-B1A2B07
B	01A-C1N2B05	01A-C1B1C09	01A-A1N2B07
1	01A-C1B1D11	01A-B1B1C09	
2	01A-C1C1E11	01A-B1A2D05	
1	01A-B1C1E11	01A-A1N2D05	
	01A-B1B1D11	AC4 B-B1N5B07	
	01A-B1A2B06	01A-C1N2B07	
000	01A-A1N2B06	01A-C1B1E11	
	AB4 B-B1N5D06	01A-B1B1E11	

02-17-65	415480
03-04-65	415480A
04-28-65	415480D
08-26-65	415483
09-24-65	415487

INPUT-OUTPUT BUS BITS 6 7 8		
DATE 09-27-65 MACH. 1131		B
		B
LOG 267H FRAME	01	1
		2
P.N. 2201003		1
IBM CORP. GPD BLK.	AG	000



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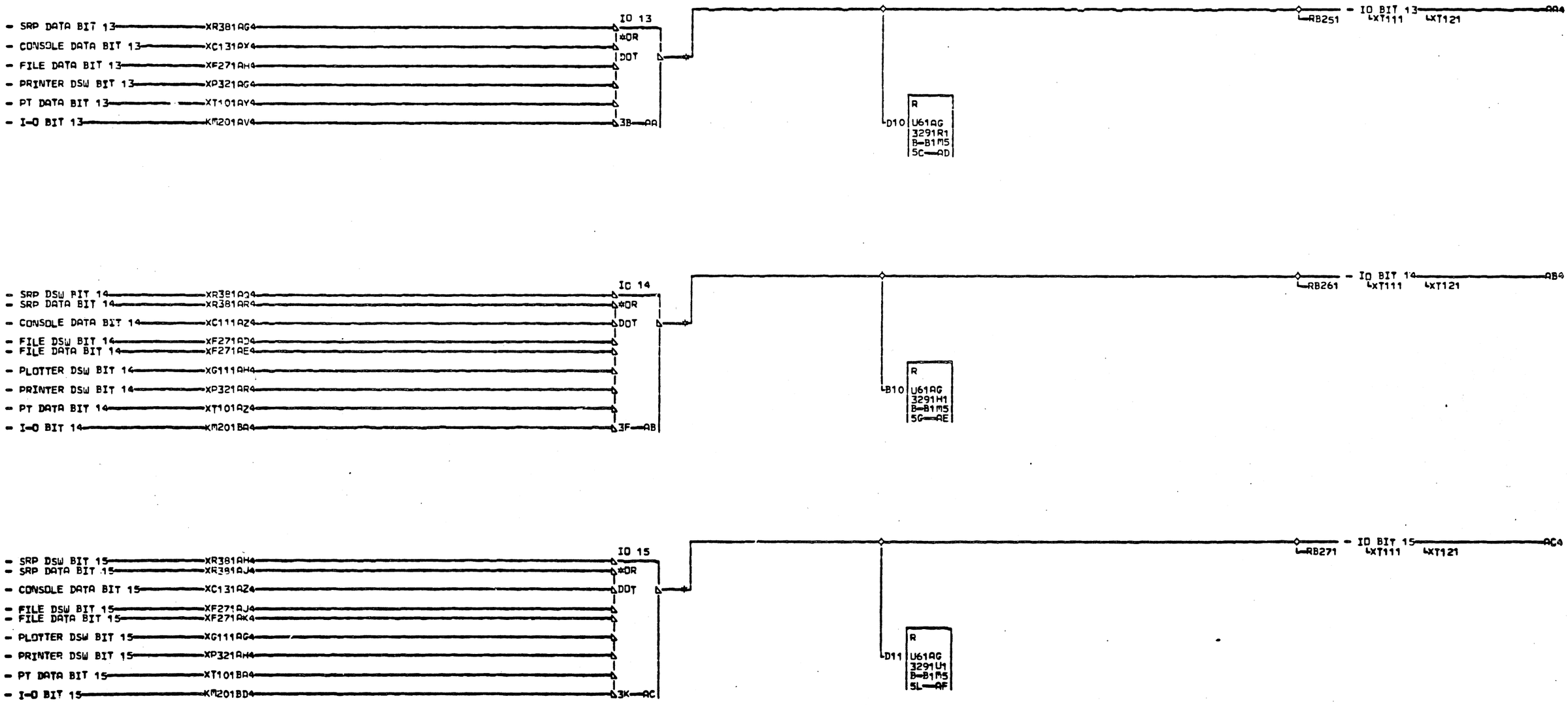
01A-C1N2D07 01A-B1A2B08 01A-C1N2B09
01A-C1B1D09 01A-A1N2B08 01A-C1C1B11
AC4 B-B1N5D09 01A-B1C1B11
01A-B1A2D06 01A-C1N2D09 01A-B1A2B09
01A-A1N2D06 01A-C1B1E09 01A-A1N2B09
AB4 B-B1N5B08 01A-B1B1E09
01A-C1N2B08 01A-B1A2D07
01A-C1C1A11 01A-A1N2D07

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
08-26-65 415483
02-24-67 419633

INPUT-OUTPUT BUS
BITS 9 10 11 12
DATE 03-09-67 RACH. 1131
LDG 047F FRAME 01
P.N. 2201804
IBM CORP. GPD BLK. AJ

000



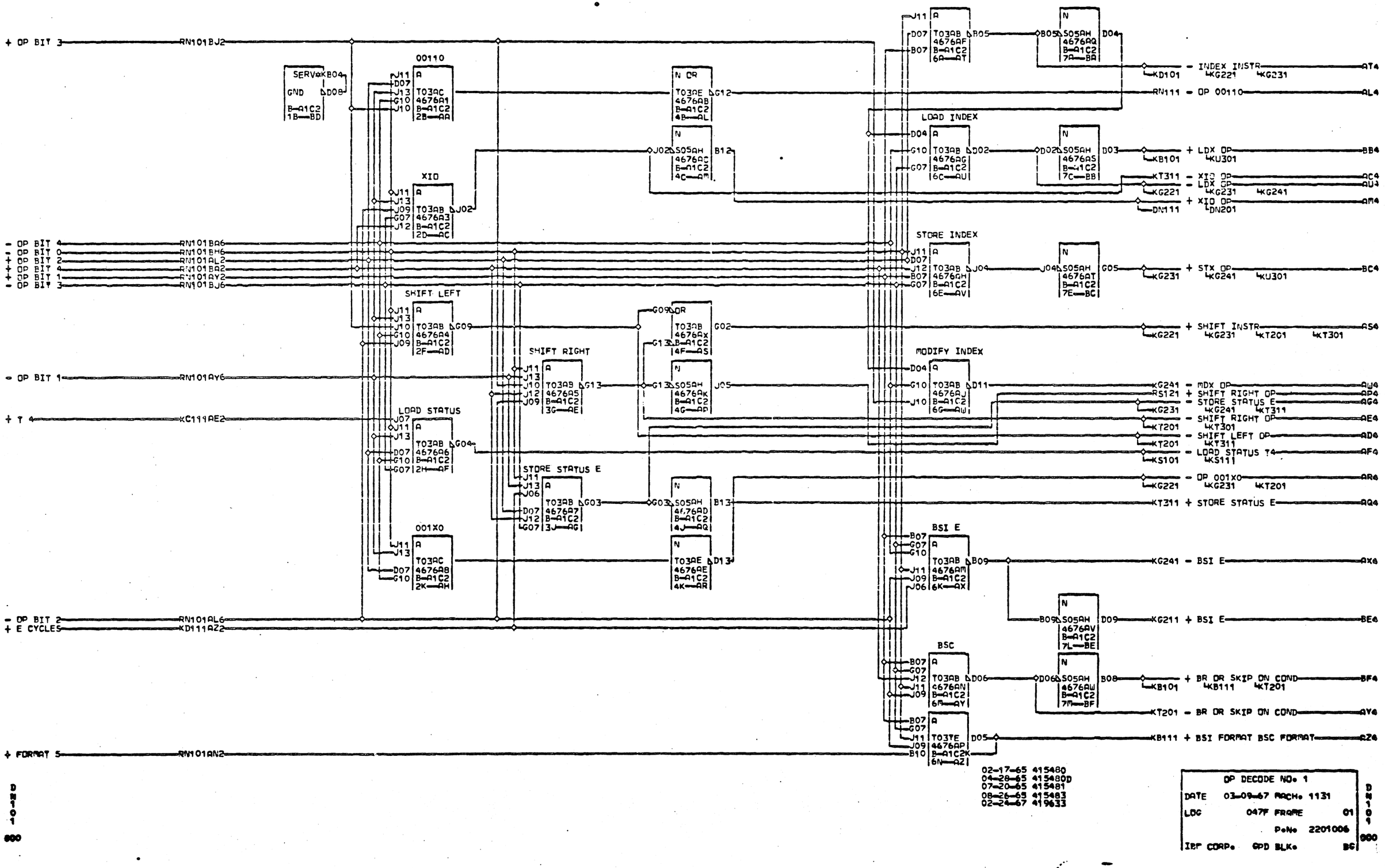
B
B
1
4
1
000

AA4 B-B1N5D10 01A-B1C1C11
01A-C1N2D10 01A-B1A2B10
01A-C1C1B09 01A-A1N2B10
01A-B1C1B09 AC4 B-B1N5D11
01A-B1A2D09 01A-C1N2D11
01A-A1N2D09 01A-C1C1C09
AB4 B-B1N5B10 01A-B1C1C09
01A-C1N2B10 01A-B1A2D10
01A-C1C1C11 01A-A1N2D10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
08-26-65 415483
02-24-67 419633

INPUT-OUTPUT BUS
BITS 13 14 15
DATE 03-09-67 ARCH. 1131
LOG 047F FRAME 01
P.N. 2201003
IBM CORP. GPD BLK. AS

B
B
1
4
1
000


+ OP BIT 3 RN101BJ2
SERV KB04
GND DD08
B-A1C2
1B-BD
00110
J11 A
D07 T03AC
J13 4676A1
G10 B-A1C2
J10 2B-AA
XIO
J11 A
J13 T03AB J02
J09 4676A3
G07 B-A1C2
J12 2D-AC
N OR
T03AE G12
4676AB
B-A1C2
4B-AL
N
J02 S05AH B12
4676AC
B-A1C2
4C-AM
J11 A
D07 T03AB B05
B07 4676AF
B-A1C2
6A-AT
N
B05 S05AH D04
4676AQ
B-A1C2
7A-BA
- INDEX INSTR AT4
KD101 KG221 KG231
RN111 - OP 00110 AL4
LOAD INDEX
D04 A
G10 T03AB D02
G07 4676AG
B-A1C2
6C-AU
N
D02 S05AH D03
4676AS
B-A1C2
7C-BB
KB101 + LDX OP BB4
KU301
KT311 - XIO OP AC4
KG221 - LDX OP AU4
KG231 KG241
DN111 + XIO OP AM4
DN201
- OP BIT 4 RN101BA6
- OP BIT 0 RN101BH6
+ OP BIT 2 RN101AL2
+ OP BIT 4 RN101BA2
+ OP BIT 1 RN101AY2
- OP BIT 3 RN101BJ6
STORE INDEX
J11 A
D07
J12 T03AB J04
B07 4676AH
G07 B-A1C2
6E-AV
N
J04 S05AH G05
4676AT
B-A1C2
7E-BC
KG231 + STX OP BC4
KG241 KU301
SHIFT LEFT
J11 A
J13
J10 T03AB G09
G10 4676A4
J09 B-A1C2
2F-AD
G09 OR
T03AB G02
4676AX
G13 B-A1C2
4F-AS
N
G13 S05AH J05
4676AK
B-A1C2
4G-AP
KG221 + SHIFT INSTR AS4
KG231 KT201 KT301
- OP BIT 1 RN101AY6
SHIFT RIGHT
J11 A
J13
J10 T03AB G13
J12 4676A5
J09 B-A1C2
3G-AE
MODIFY INDEX
D04 A
G10 T03AB D11
J10 4676AJ
B-A1C2
6G-AW
KG241 - MDX OP AW4
RS121 + SHIFT RIGHT OP AP4
KG231 - STORE STATUS E AG4
KG241 KT311
KT201 - SHIFT RIGHT OP AE4
KT301
KT201 - SHIFT LEFT OP AD4
KT311
KS101 - LOAD STATUS T4 AF4
KS111
KG221 - OP 001X0 AR4
KG231 KT201
+ T 4 KC111AE2
LOAD STATUS
J07 A
J11
J13 T03AB G04
D07 4676A6
G10 B-A1C2
G07 2H-AF
STORE STATUS E
J11 A
J13 T03AB G03
J06
D07 4676A7
J12 B-A1C2
G07 3J-AG
G03 S05AH B13
4676AD
B-A1C2
4J-AQ
KT311 + STORE STATUS E AQ4
001X0
J11 A
J13 T03AC
D07 4676AB
G10 B-A1C2
2K-AH
T03AE D13
4676AE
4K-AR
BSI E
B07
G07 A
G10
J11 T03AB B09
J09 4676AM
J06 B-A1C2
6K-AX
KG241 - BSI E AX4
N
B09 S05AH D09
4676AV
B-A1C2
7L-BE
KG211 + BSI E BE4
- OP BIT 2 RN101AL6
+ E CYCLES KD111AZ2
BSC
B07 A
G07
J12 T03AB D06
J11 4676AN
J09 B-A1C2
6M-AY
N
D06 S05AH B08
4676AW
B-A1C2
7M-BF
KB101 + BR OR SKIP ON COND BF4
KB111 KT201
KT201 - BR OR SKIP ON COND AY4
B07 A
G07
J11 T03TE D05
J09 4676AP
B10 B-A1C2K
6N-AZ
KB111 + BSI FORMAT BSC FORMAT AZ4
+ FORMAT 5 RN101AN2
02-17-65 415480
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633
OP DECODE NO. 1
DATE 03-09-67 PROM. 1131
LOC 047F FRAME 01
P.N. 2201006
IBP CORP. GPD BLK. BG
DN101
000

DIVIDE

MULTIPLY

1011x

+ XIO OP — DN101AM4
- OP BIT 1 — RN101AY5
+ OP BIT 4 — RN101BA2
+ OP BIT 0 — RN101BH2
+ E CYCLES — KD111AZ2
+ OP BIT 2 — RN101BL2
- OP BIT 3 — RN101BJ6
+ OP BIT 1 — RN101AY2
- OP BIT 4 — RN101BA6
- I2 CYCLE — KD101AT6
+ OP BIT 3 — RN101BJ2
- IA CYCLE — KD111AY6
- XIO E — DN201AC4
- STX E1 NOT TAG 00 — KU301AG4
- ARITH CTRL B — KT121BD4
- T 0 — KC101AE6
- DC RESET 1 — KA111AN2
+ T 3 — KC101AV2
- OP BIT 2 — RN101AL6

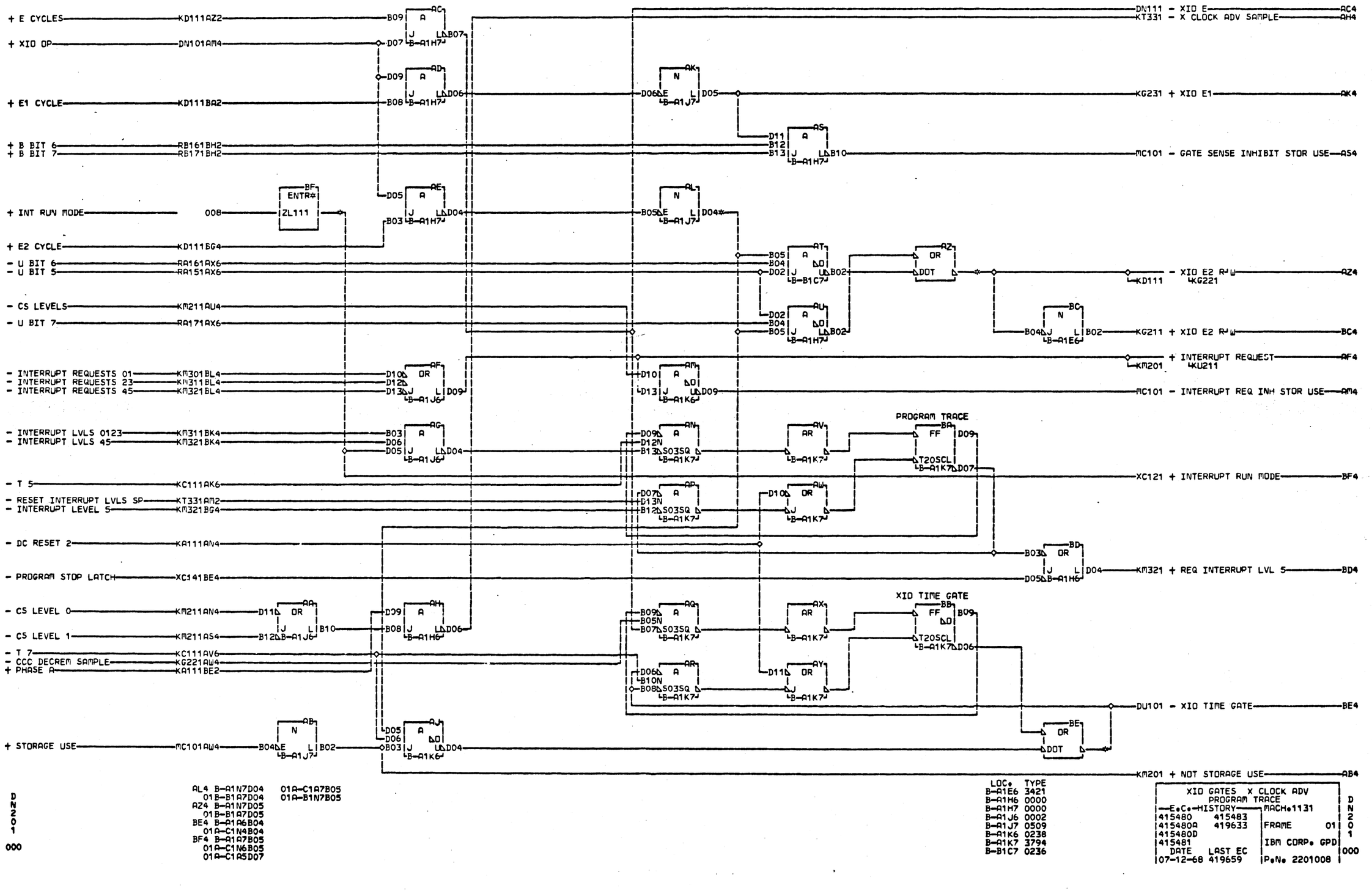
KS101 - ADD SUB GATE E — AS4
KG221 - DIVIDE OP — AC4
KG221 - MULTIPLY OP — AB4 (KT301)
KG221 + DIVIDE OP — AM4
KT121 - MULTIPLY E — AT4
KT101 - DIVIDE E — AU4
KG221 + MULTIPLY OP — AL4 (KT301 KT311)
KG221 - DBL WORD ADDRESSING — AR4 (KT201)
KG221 + DBL WORD ADDRESSING — AV4 (KT311 KU201)
RN111 - OP 1011x — AD4
KG241 - STORE E — AK4
- ADD SUB EOR GATE — AY4 (RA101 RA111 RA121 RA131 RA141 RA151 RA161 RA171 RA201 RA211 RA221 RA231 RA241 RA251 RA261 RA271)
TEST POINT TP07 — AQ4
- ADD SUB EOR GATE — AZ4 (RA101 RA111 RA121 RA131 RA141 RA151 RA161 RA171 RA201 RA211 RA221 RA231 RA241 RA251 RA261 RA271)
KG151 - AND SPD GATE — AW4
KG151 - RESET D SPD GATE — BA4

AW4 B=A1N3B04
01B=B1A3B04
AY4 B=A1N4B10
01B=B1A4B10
AZ4 B=A1N4D10
01B=B1A4D10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

OP DECODE NO. 2
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201007
IBM CORP. CPD BLK. BJ

D N 1 1 1 000



AL4	B-A1N7D04
	01B-B1A7D04
AZ4	B-A1N7D05
	01B-B1A7D05
BE4	B-A1A6B04
	01A-C1N4B04
BF4	B-A1A7B05
	01A-C1N6B05
	01A-C1A5D07
	01A-C1A7B05
	01A-B1N7B05

LOC.	TYPE
B-A1E6	3421
B-A1H6	0000
B-A1H7	0000
B-A1J6	0002
B-A1J7	0509
B-A1K6	0238
B-A1K7	3794
B-B1C7	0236

XIO GATES X CLOCK ADV
PROGRAM TRACE

E.C.-HISTORY
415480 415483
415480A 419633
415480D
415481
DATE LAST EC
07-12-68 419659

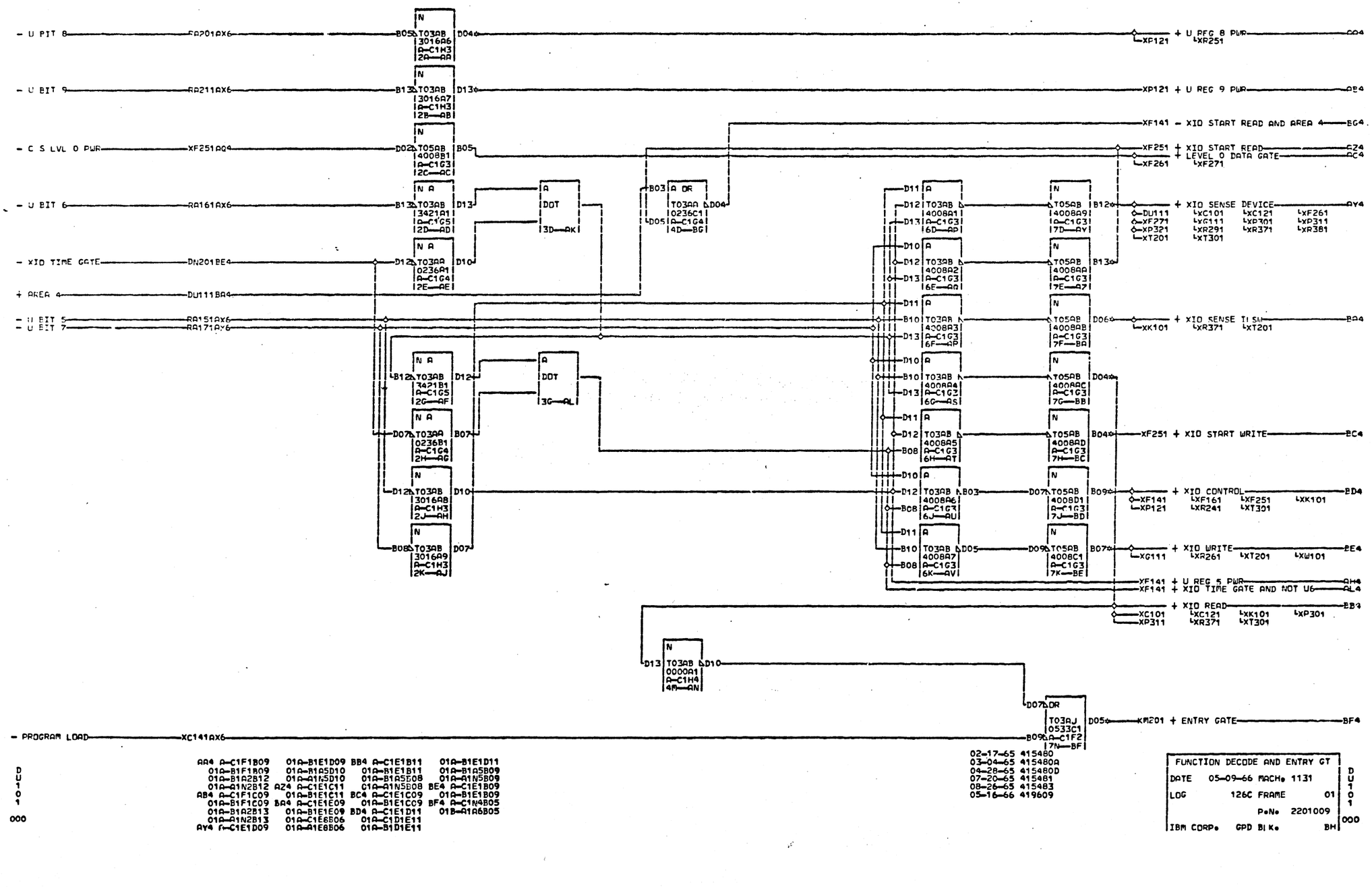
MACH.1131

FRAME 01

IBM CORP. GPD

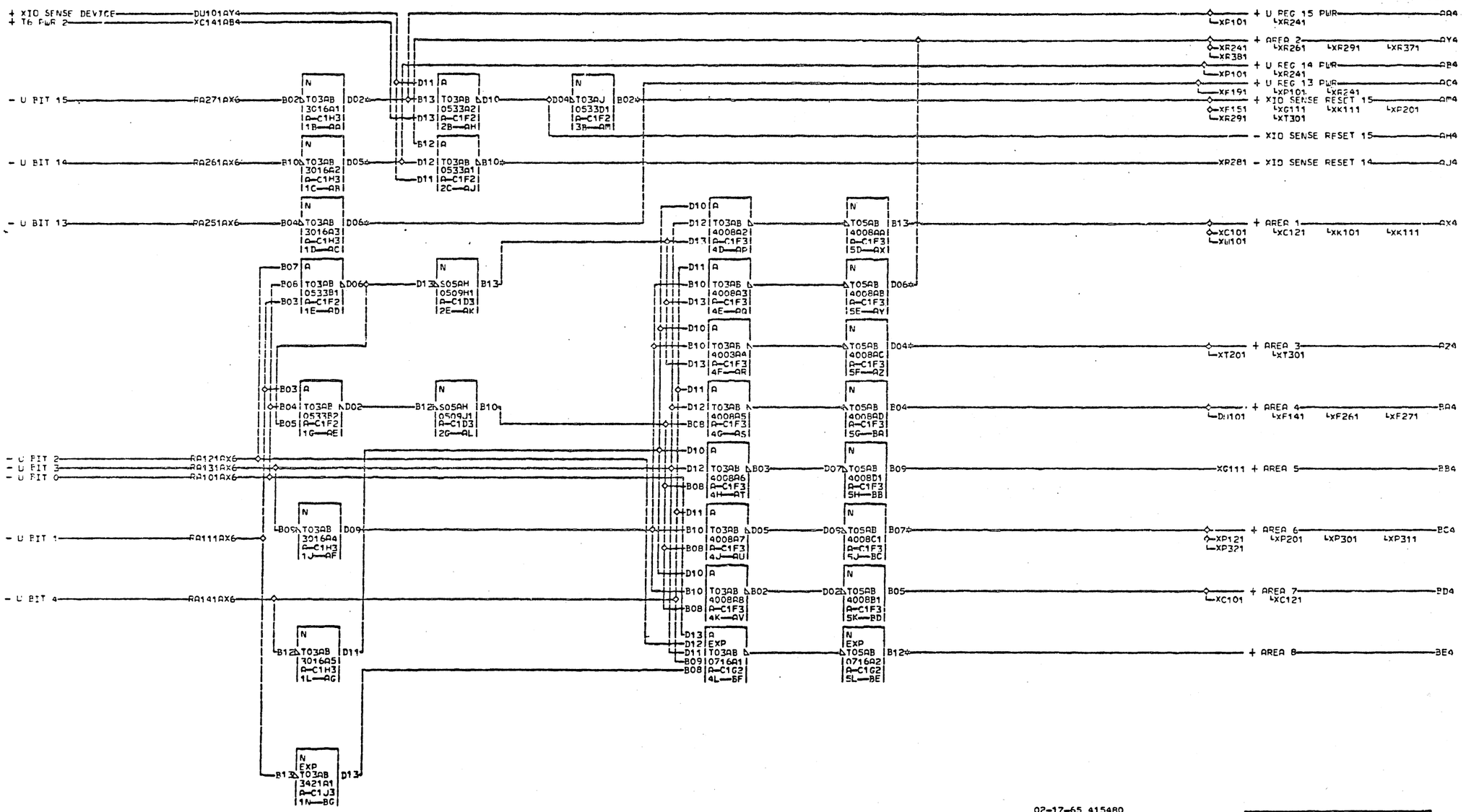
P.N. 2201008

DN201 000



AA4 A—C1F1B09	01A—B1E1D09	BB4 A—C1E1B11	01A—B1E1D11	02-17-65	415480		
01A—B1F1B09	01A—A1A5D10	01A—B1E1B11	01A—B1A5B09	03-04-65	415480A		
01A—B1A2B12	01A—A1A5D10	01A—B1A5E08	01A—A1N5B09	04-28-65	415480D		
01A—A1N2B12	AZ4 A—C1E1C11	C1A—A1N5B08	BE4 A—C1E1B09	07-20-65	415481		
AB4 A—C1F1C09	01A—B1E1C11	BC4 A—C1E1C09	01A—B1E1B09	08-26-65	415483		
01A—B1F1C09	BA4 A—C1E1E09	01A—B1E1C09	BF4 A—C1N4B05	05-16-66	419609		
01A—B1A2B13	01A—B1E1E09	BD4 A—C1E1D11	01B—A1A6B05				
01A—A1N2B13	01A—C1E6B06	01A—C1D1E11					
AY4 A—C1E1D09	01A—A1E6B06	01A—B1D1E11					

FUNCTION DECODE AND ENTRY GT			
DATE 05-09-66	MACH# 1131		
LOG 126C	FRAME	01	
	P#N# 2201009		
IBM CORP#	GPD BLK#	BH	



AA4 A-C1G1A09	01A-B1F1D09	AY4 A-C1E1E11
01A-B1G1A09	01A-B1A2D11	01A-B1E1E11
01A-B1A2D13	01A-A1N2D11	AZ4 A-C1F1A11
01A-A1N2D13	AJ4 A-C1E1A11	01A-B1F1A11
AB4 A-C1F1E09	01A-B1E1A11	BC4 A-C1F1E11
01A-B1F1E09	AM4 A-C1F1B11	01A-B1F1E11
01A-B1A2D12	01A-B1F1B11	01A-B1A5B03
01A-A1N2D12	01A-B1A5D11	01A-A1N5B03
AC4 A-C1F1D09	01A-A1N5D11	BE4 A-C1E6B04

01A-A1E8B04

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
10-27-65 415491
05-16-66 419609

AREA DECODE AND SENSE RESET	D
DATE 05-09-66 MACH. 1131	U
	1
LOG 126C FRAME 01	1
	1
P.No. 2201010	000
IBM CORP. GPD BLK. BH	

~ PROG LD NOT SRP OR PT RESP—KM201AZ4

2.25MC
OSC
T22SI B10
376SA1KB05
B-A1E5TB13
1B—AATD07
SERV*
+3V J03
B-A1C4KJ02
1C—BL

J12 A
T03AJ
621335
B-A1C4
2B—AF
G13
J11 A
T03AJ
621336
B-A1C4
2C—AG
D13

D08 *A
S03AJ
N621343
B-A1C4
3B—AP
D08 *A
S03AJ
N621344
B-A1C4
3C—AQ

*OR
T20SB
621349
B-A1C4
4B—AV
*OR
T20SB
621350
B-A1C4
4C—AW

OSC TGR
*FF D13
T20SC
621355
B-A1C4 J12
5C—BA

- OSC TGR—BA6
KA111 KU211

SPD
SS B02—- PHASE A SP A—BG2
KB101 KG111
T21SG
621360
B-A1C4
D—BC

D08 *A
S03SR
J10N621358
B-A1C4
6D—BD

KA111 + OSC TGR—BA2

+ PHASE B—KA111BF2

SERV*
GND D08
B-A1C4KB08
1E—BK

- DELAY—KA111BH4
+ CPU STOP LATCH—KU201AP4
- INTERRUPT REQUEST—KU211AN4
- WAIT NOT STRG LOAD DISPL—KU211AK4
- SINGLE STORAGE CYCLE—KT321AB4
- T7 COUNT 0—KG221AD4
- SINGLE INSTRUCTION—KT321AK4
- T 7—KC111AV6
- DC RESET 1—KA111AN2
+ ADVANCE—KA111BB2
- SINGLE STEP—KA111AH4
- SET INTERRUPT SP—KT331AN2
- CPU STOP LATCH—KU201AE4
+ PHASE A—KA111BE2
+ T 7—KC111AV2
- CS LEVELS—KM211AU4
- SHIFT CTRL—KT121AY6
- ARITH CTRL B—KT121BD4
- BRANCH 1—KB101AY6
- BRANCH 2—KB101AZ6
- SH RT ROT 16+48—RS121AQ4

B07 *A
S03AJ
D05N621337
B-A1C4
2E—AH
D09 *A
S03AJ
D12N621338
B-A1C4
2F—AJ
G07 *A
S03AJ
G04N621339
B-A1C4
2G—AK
G02 *A
S03AJ
G04N621340
B-A1C4
2H—AL
B09 N*A
S03SQ
621341
B-A1C4
2K—AM

GC8 *A
S03AJ
J13N621345
B-A1C4
3G—AR
J09 *A
S03AJ
G12N621347
B-A1C4
3K—AT

*OR
T20SB
621351
B-A1C4
4F—AX
*OR
T20SB
621352
B-A1C4
5J—BB

G04 A OR
T03AB G03
621353
B-A1C4
4L—AY
B07
G10 A OR
G09
J05 T03AB G03
G05 621354
B10 B-A1C4
B12
B13
J05 4M—AZ

OR
DOT
3M—BC

RUN
*FF A B07
T20SC
621356
B-A1C4B09
6H—BE

D08 *A
S03SR
G03N621359
B-A1C4
6M—BF

A
DOT
7F—BJ

*SS D02—- T CLOCK ADV SP—BH2
T21SG KC101 KC111 KT331
621361
B-A1C4
7M—BH

- T CLK ADV SAMPLE—BC4

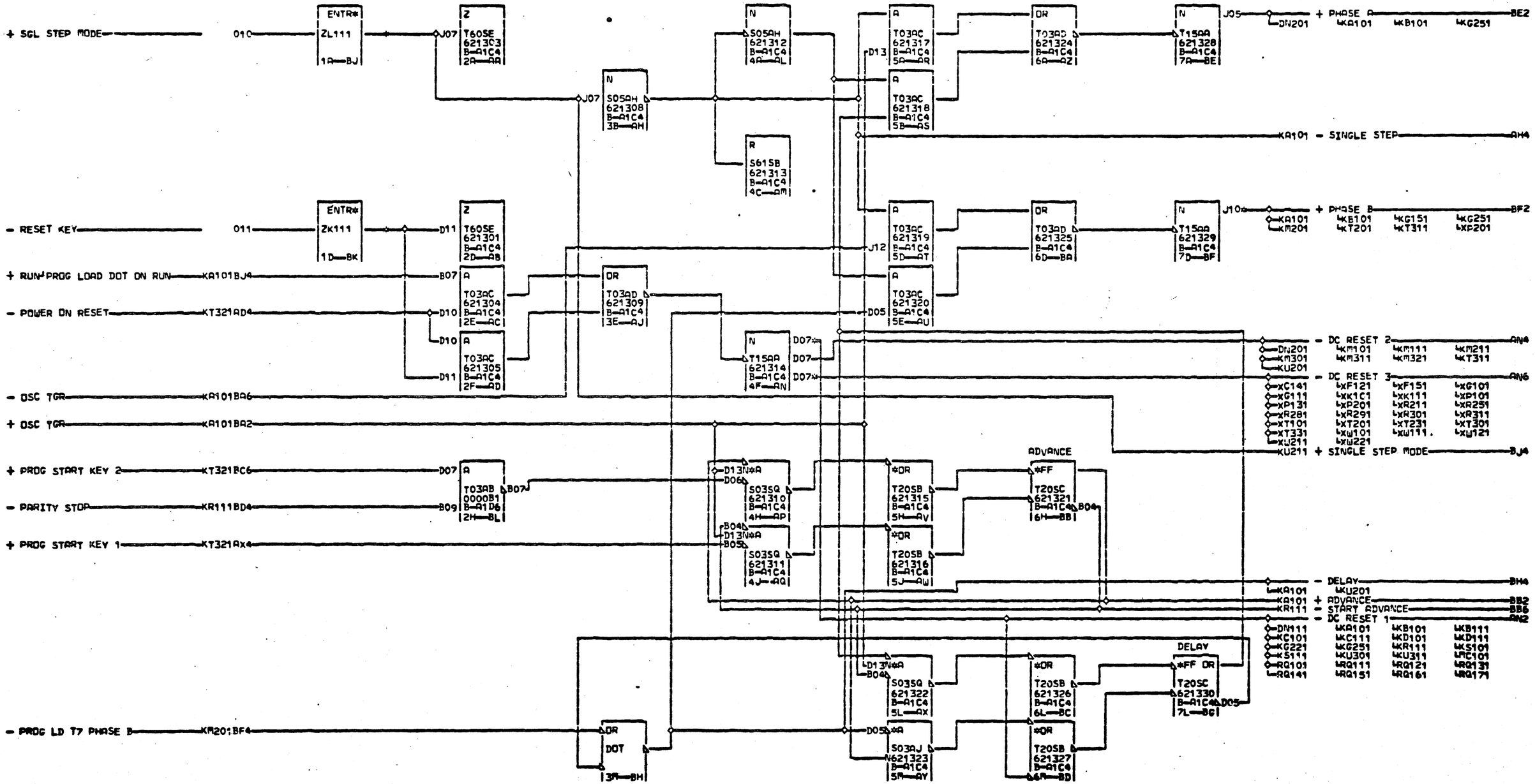
+ RUN PROG LOAD DOT ON RUN—BJ4
KA111 KW101 KC101

BG2 B-A1N3D03
01B-B1A3D03
BJ4 B-A1A6D07
01A-C1N4D07

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
08-05-66 419616
10-14-66 419623

OSCILLATOR PHASE A SPD RUN
T CLOCK ADVANCE
DATE 09-27-66 MACH. 1131
LOG 266K FRAME 01
P.N. 2201011
IBM CORP. GPD BLK. BM

K A 1 0 1 000



AN2 B=A1N4B07 01B=B1A4B07 01A=C1N6D06 01A=C1A7D12
AN6 B=A1A5B10 01A=C1N4B10 01A=B1A5D12 01A=C1A7B10 BJ4 B=A1A5D13 01A=B1N7B10 BK4 B=A1A5D10 01A=B1A5B10 01A=A1N5B10
BF2 B=A1A7D06

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
12-07-65 415725
08-05-66 419616
02-24-67 419633

PHASE A AND B RESET DELAY START ADVANCE
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201012
IBM CORP. GPD BLK. BR

K A 1 1 1 000

- E GT TURN ON — KD111AB4 — J02 — R S61SB 462301 B=A1K2 1A=AA
+ MDX — KG241AF4 — G08 — A
- FORMAT 5 — RN101AN6 — G12 — T03AC 462303 B=A1K2 2B=AC
+ TAG 00 — RN101BK4 — G10
+ BR OR SKIP ON COND — RN101BF4
J02 — N S05A4 462302 B=A1K2 1C=AB
J10 — A T03AC 462304 B=A1K2 2C=AD
J11
+ FORMAT 5 — RN101AN2 — A
G10 — A T03AC 462305 B=A1K2 2D=AE
+ LDX OP — DN101BB4 — J07
+ T 5 — KC111AK2
- PHASE A SP A — KA101BG2
DR T03AE 462311 B=A1K2 3C=AL
G13 — ✲A S03AJ 462313 B=A1K2 4C=AN
G03 — ✲A S03AJ 462315 B=A1K2 4E=AQ
J13
✲OR T20SB 462319 B=A1K2 5D=AU
✲OR T20SB 462320 B=A1K2 B02 5E=AV
BRANCH 1 ✲FF T20SC 462323 B=A1K2 6D=AY B10 D13
TEST POINT G06 — AB4
TEST POINT G13 — AL4

SERV✲ GND D08 KG09 B=A1K2 KJ05 1G=BD

KB111 + BRANCH 1 — AY2
TEST POINT G03 — AK4
- BRANCH 2 — AZ6
KA101 WKG211
KG231 + BRANCH 2 — AZ2
KA101 - BRANCH 1 — GY6
TEST PUINT B12 — AJ4

- DC RESET 1 — KA111AN2
- SHIFT CTRL — KT121AV6 — D07
- ARITH CTRL A — KT121AZ6 — B08
- CS LEVELS — KM211AU4 — D09
+ PHASE A — KA111BE2 — D11
+ T7 PWR — KG211BG4 — D10
B10 A T03AB 462309 B=A1K2 2J=AJ
D13 A T03AB 462310 B=A1K2 2K=AK — G02
+ PHASE B — KA111BF2
D12 ✲A S03AJ 462317 B=A1K2 4J=AS
G03 ✲A S03AJ 462318 B=A1K2 4K=AT
✲OR T20SB 462321 B=A1K2 5J=AW
✲OR T20SB 462322 B=A1K2 B02 5K=AX
BRANCH 2 ✲FF T20SC 462324 B=A1K2 6J=AZ D12 G03
B10 A T03AB 462325 B=A1K2 7K=BA B09✲ — KG101 - A TO M SPD SAMPLE — BA4
D12 A T03AB 462326 B=A1K2 7L=BB D06✲ — KG111 - M TO I SPD SAMPLE — BB4
D13
D12 A DR T03AB 462327 B=A1K2 7M=BC D02
D13

+ SLC OP — KT301BC4 — D11
+ E CYCLES — KD111AZ2 — B12
+ T 6 — KC111AQ2 — B13
A DR T03AB 000VE1 B=A1C6 2N=BE B10
DR DOT 4N=BF
KG221 - BR=2 NOT BR=1 RESET CCC — BF4

BA4 B=A1N2B08
01B=B1A2B08
BB4 B=A1N2B07
01B=B1A2B07

02=17=65 415480
03=04=65 415480A
04=28=65 415480D
07=20=65 415481
08=26=65 415483
02=24=67 419633

BR=1 BR=2 A TO M SAMPLE
M TO I SAMPLE
DATE 03=09=67 MACH= 1131
LOC 047F FRAME 01
P=N= 2201013
IBM CORP= GPD BLK= BG

KB101 000

+ T 5 — KC111AK2

— SKIP COND — KS111AX4

— I1 T4 — KD101AX4

+ T7 PWR — KG211BG4

+ BSI FORMAT BSC FORMAT — DN101AZ4

+ I1 T4 — KD101BA4

+ BR OR SKIP ON COND — DN101BF4

+ BRANCH 1 — KB101AY2

+ FORMAT 5 — RN101AN2

= DC RESET 1 — KA111AN2

+ MOD 9 — RN111AS2

= FORMAT 5 — RN101AN6

+ MDX — KG241AF4

+ TAG 00 — RN101BK4

— ADD TO STOR SET INTLK SPL — KU201AF4

— T 1 — KC101AK6

SKIP COND

ADD TO STG INT

TEST POINT B02 — AK6

— SKIP SAMPLE — KG211 — AW4

— BSI TRUE OR BSC TRUE — KG221 KG231 — AR4

— BSI OR BSC RESET OVERFLOW — KS111 — AX4

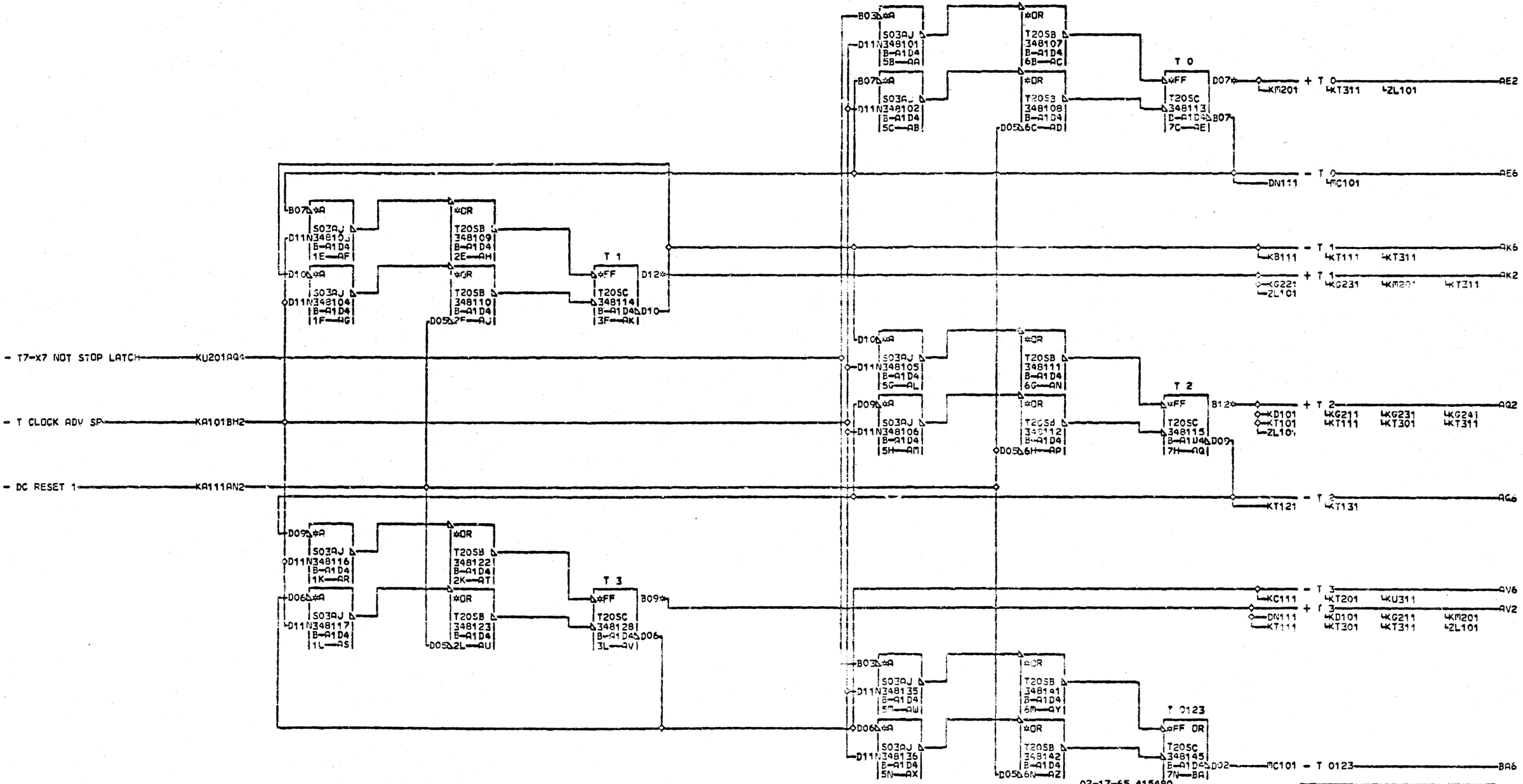
— BRANCH OUT — KT331 — AY4

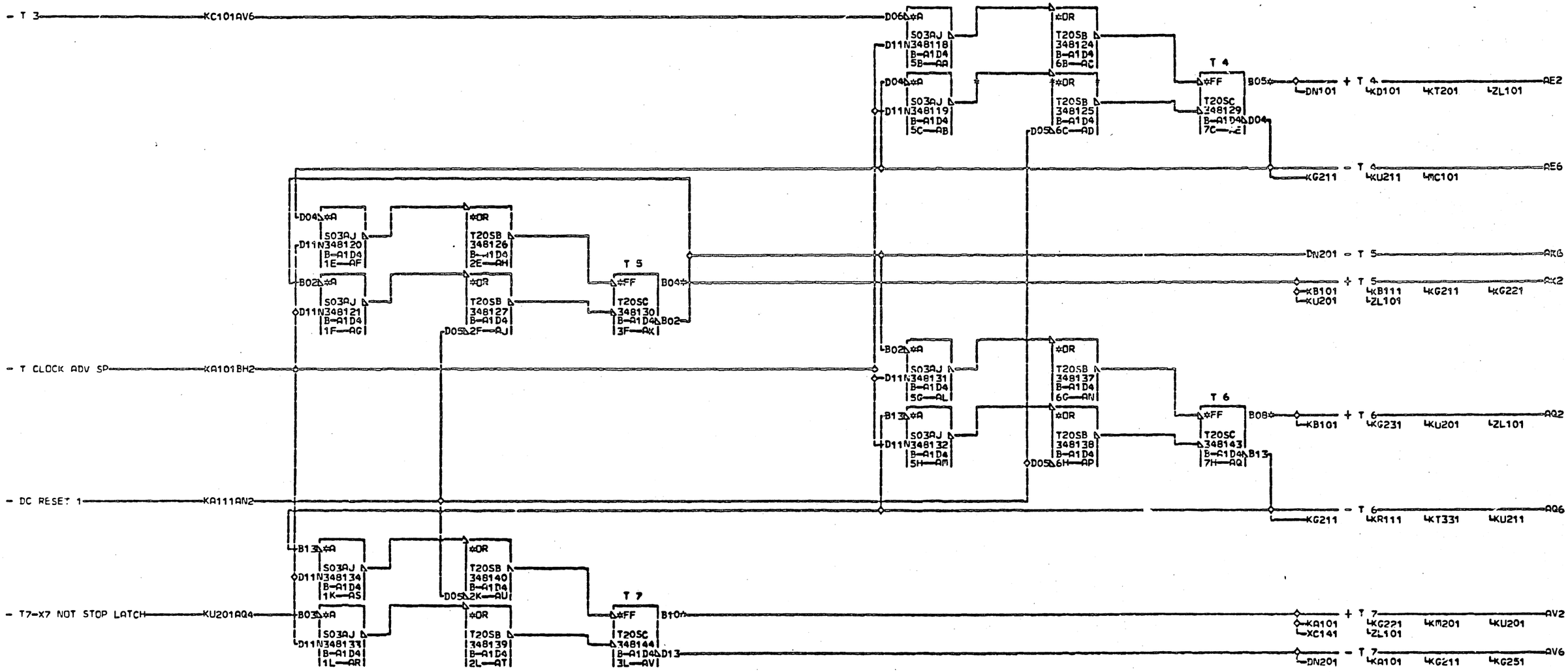
+ ADD TO STORAGE OP — KG211 KG231 KG251 — AG4

— ADD TO STOR INTLK — KG211 KRN111 — AN6

02-17-65 415480
03-04-65 415480A
04-28-65 415480B
08-26-65 415483
02-24-67 419633

SKIP SAMPLE BRANCH OUT
ADD TO STOR INTLK
DATE 03-09-67 MACH. 1131
LOC 047F FRAME 01
PcNo 2201014
IBM CORP. GPD BLK. A2


T 0
T 1
T 2
T 3
T 0123
T CLOCK
T0 T1 T2 T3 T0123
- T7-X7 NOT STOP LATCH
KU201AQ4
- T CLOCK ADV SP
KA101BH2
- DC RESET 1
KA111AN2
AE2 B-A1A3B08
AK2 B-A1A3D09
AQ2 B-A1A3B09
AV2 B-A1A3D10
02-17-65 415480
03-04-65 415480A
04-28-65 415480D
08-26-65 415483
08-05-65 419616
10-14-66 419623
DATE 09-27-66 MACH. 1131
LOG 266K FRAME 01
P.N. 2201015
IBM CORP. GPD BLK. BB
KC101
000



AE2 B-A1A3B10
AK2 B-A1A3D11
AQ2 B-A1A3B12
AV2 B-A1A3D12

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
08-26-65 415483
05-09-66 419608
05-30-66 419613

T CLOCK
T 4 T 5 T 6 T 7
DATE 05-31-66 MACH. 1131
LOG 144L FRAME 01
PaNo 2201016
IBM CORP. GPD BLK. AU

KC111 000

000 KD101

- LOADJ DISPLAYJ PROGRAM LOAD — KT321AY4
+ T 2 — KC101AQ2

+ I1 CYCLE — AS2
KG211 KT201 KT301 KU311
ZL101

- SHIFT INSTR — KG231AV4 — J07
+ FORMAT 5 — RM101AN2 — J10

J09 A T03AB 467201 B=A1G2 1B=AA

J09 *A S03AJ 467205 B=A1G2 3B=AC
G10 N467205

*OR T20SB 467213 B=A1G2 4B=AL
B03

I1 *FF T20SC 467219 B=A1G2 5B=AS
J09 G13

J09 A T03AB 467223 B=A1G2 6B=AV
G08 D10 G07

N T03AJ 467226 B=A1G2 7B=AZ
G07 J06

+ GT B BITS 0 TO 9 TO OP REG — AZ4
RB101 RB111 RB121 RB131
RB141 RB151 RB161 RB171
RB201 RB211

KB111 - I1 T4 — AX4

G13 *A S03AJ 467206 B=A1G2 3C=AD
G03 N467206

*OR T20SB 467214 B=A1G2 4C=AM

N T03AJ 467222 B=A1G2 6C=AE
G13 J12

+ I1 POWERED — AW4
KG221 KG231 KM201 KT311

- NOT END OP TO SP — KT331AQ2

+ T 4 — KC111AE2

J09 A T03AB 467225 B=A1G2 6D=AX
D11 D10 B13

N T03AJ 467228 B=A1G2 7D=BA
B13 B12

KB111 + I1 T4 — BA4

+ T 3 — KC101AV2

J09 A T03AB 467224 B=A1G2 6E=AY
D07 D10

N T03AJ 467227 B=A1G2 7E=BB
B04

KG231 + I1 T3 — BB4

- I1 CYCLE — AS6
KG231 KG251 KT311

*A S03AJ 467207 B=A1G2 3F=AE
G03 N467207

*OR T20SB 467215 B=A1G2 4F=AN

I2 *FF T20SC 467220 B=A1G2 5G=AT
J02 G05

+ I2 CYCLE — AT2
KM201 ZL101

*A S03AJ 467208 B=A1G2 3G=AF
J02 G03 N467208

*A S03AJ 467209 B=A1G2 3H=AG
D08 G10 N467209

*OR T20SB 467216 B=A1G2 4H=AP
B03

- END OP TO SP — KT331AR2

- DC RESET 1 — KA111AN2

KD111 - I1 FS NOT SHIFT OP — AA4

- I2 CYCLE — AT6
DN111 KT311 KU201

- IX GT TURN ON — AB4
KD111 KU301

*A S03AJ 467210 B=A1G2 3K=AH
J04 G03 N467210

*OR T20SB 467217 B=A1G2 4K=AQ

*A S03AJ 467211 B=A1G2 3L=AJ
G02 G03 N467211

IX *FF T20SC 467221 B=A1G2 5L=AU
G02 G04

+ IX CYCLE — AU2
KT301 KU301 ZL101

*A S03AJ 467212 B=A1G2 3M=AK
D08 G10 N467212

*OR T20SB 467218 B=A1G2 4M=AR
B03

KT201 - IX CYCLE — AU6

- INDEX INSTR — DN101AT4
- TAG 00 — RN101BG4

J13 A T03AB 467202 B=A1G2 2M=AB
G09 B10 B07 G02 J04

- IA CYCLE — KD111AY6
- E CYCLES — KD111AZ6

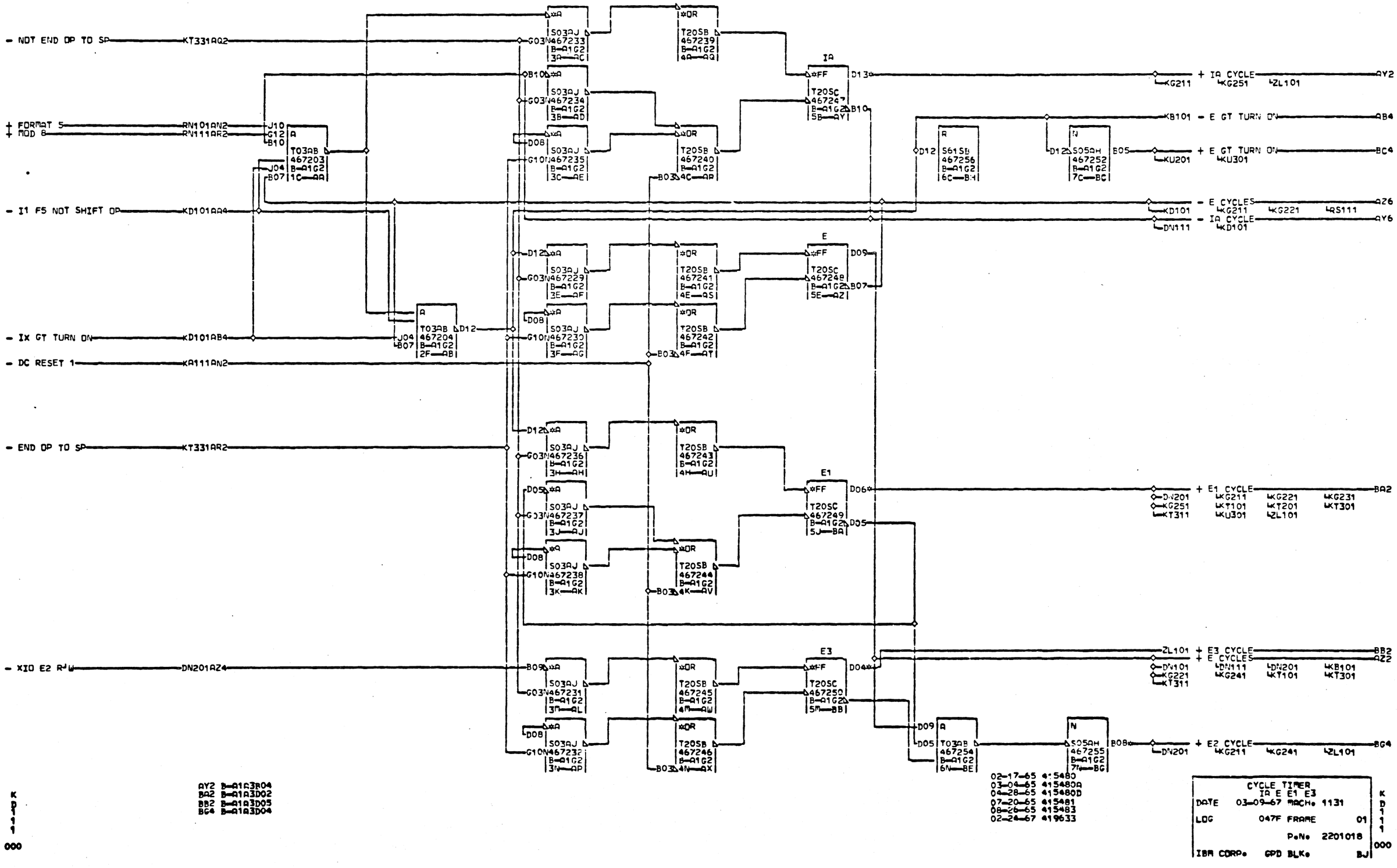
K 9 0 1 000

AS2 B=A1A3B02
AT2 B=A1A3B03
01 B=A1N7B04
01 B=B1A7B04
AU2 B=A1A3B05
AW4 B=A1N7B03
01 B=B1A7B03
AZ4 B=A1N3B10
01 B=B1A3B10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

CYCLE TIMER
I1 I2 IX
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201017
IBM CORP. GPD BLK. BC

K 9 0 1 000



AY2 B-A1A3R04
BA2 B-A1A3D02
BB2 B-A1A3D05
BG4 B-A1A3D04

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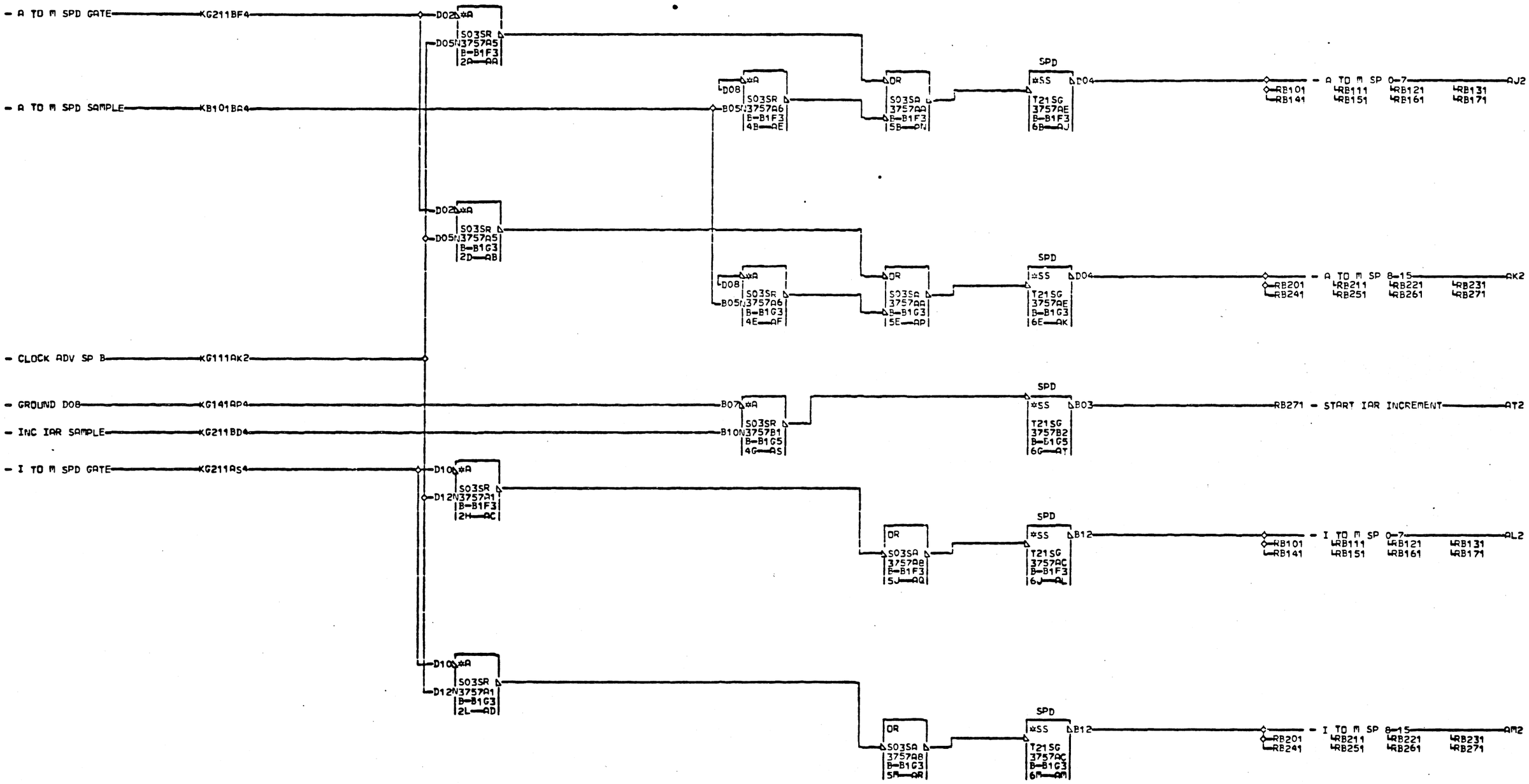


02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419631

A TO M AND I TO M
SAMPLE PULSE DRIVERS

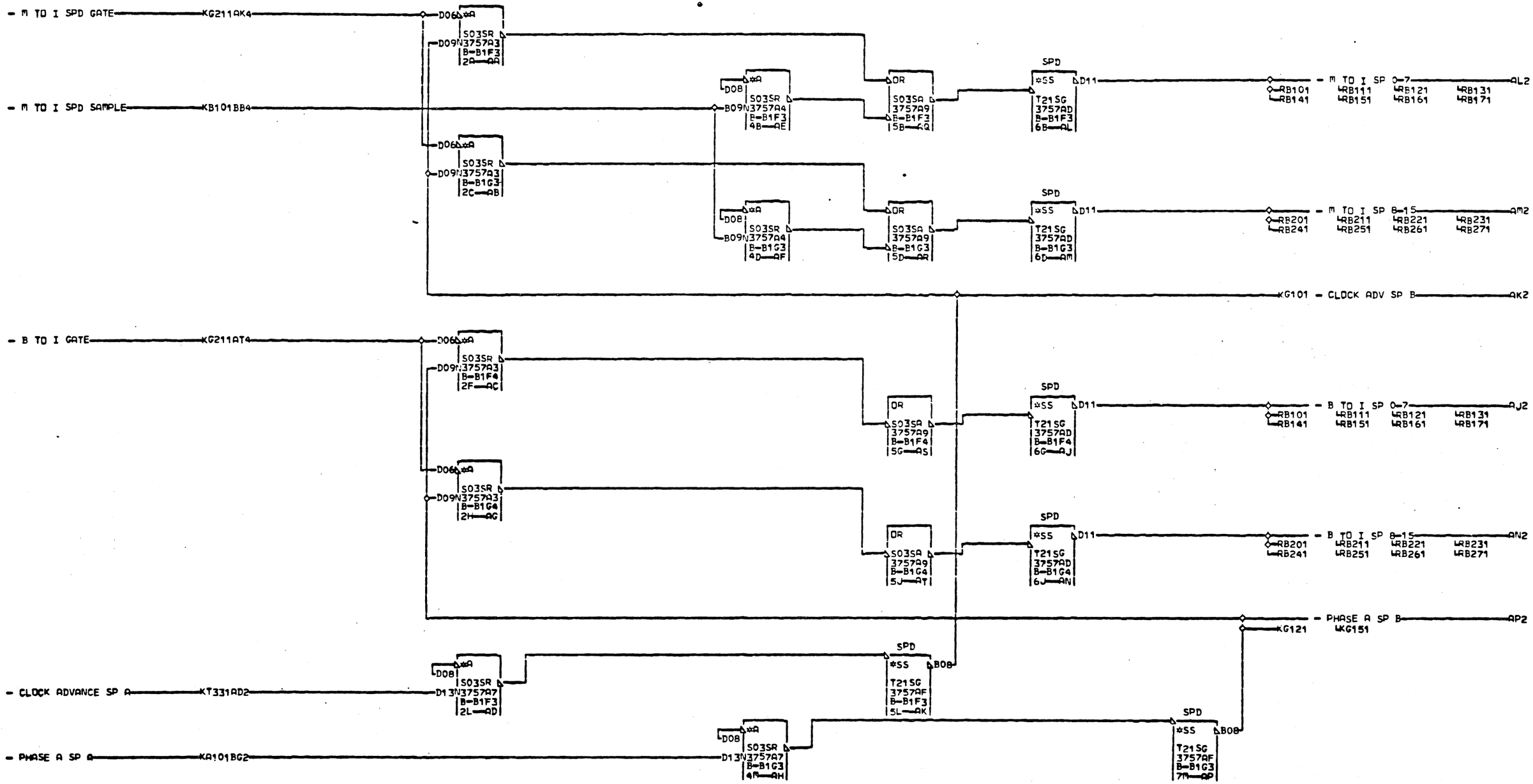
DATE 03-09-67 MACH. 1131

LOG 047F FRAME 01

P.N. 2201019

IBM CORP. GPD BLK. AU

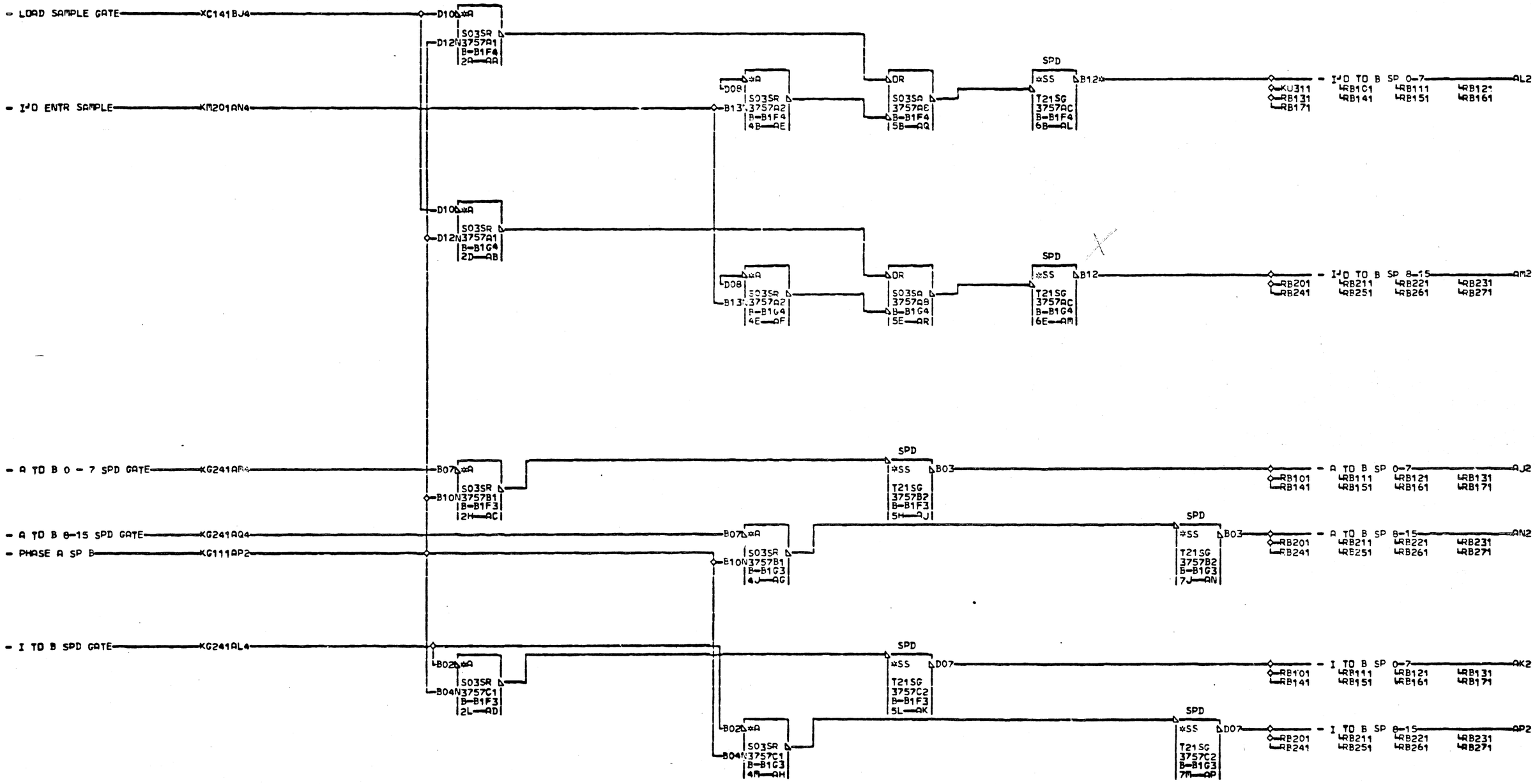
K G 1 0 1 000



02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

CLK ADV M TO I B TO I PH A
SAMPLE PULSE DRIVERS
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201020
IBM CORP. GPD BLK. AW

K G 1 1 1 000

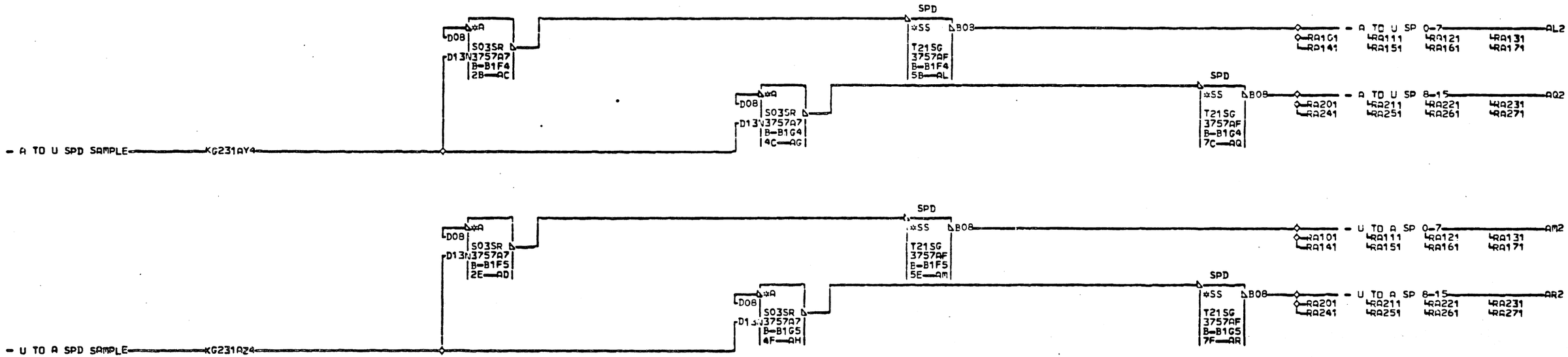


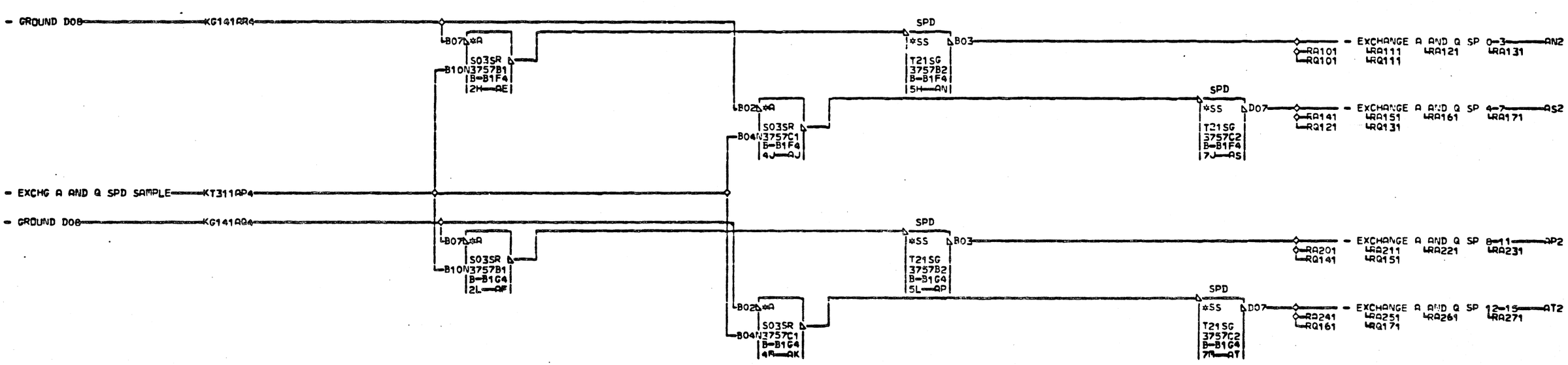
AL2 B-B1A4B09
01B-A1N4B09

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

I TO B A TO B I TO B SAMPLE PULSE DRIVERS	
DATE 03-09-67 MACH. 1131	
LOG 047F FRAME	01
P.N.	2201021
IBM CORP. GPD BLK.	AS

K G121 000

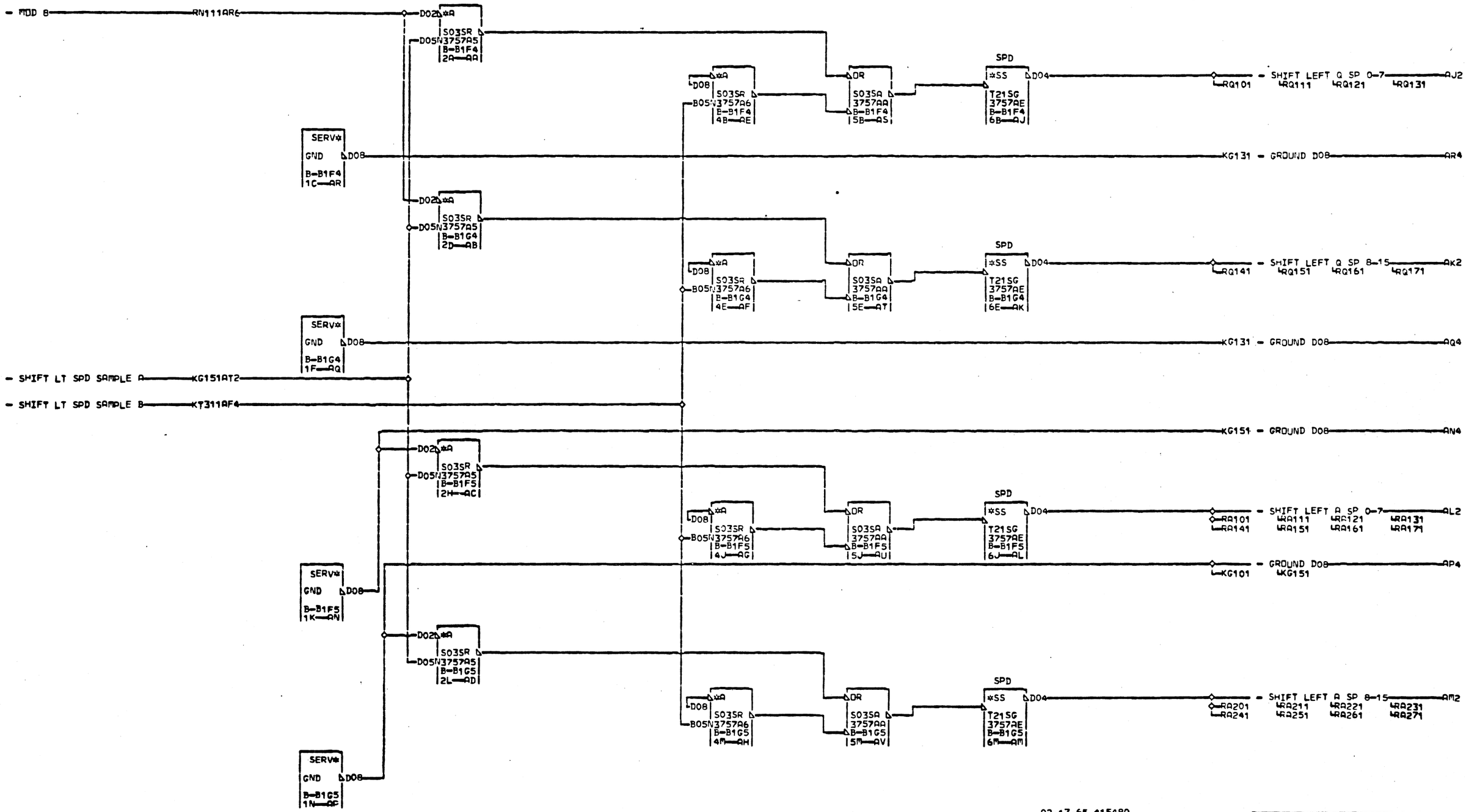




02-17-65 415480
07-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

A TO U U TO A XCHG A AND Q SAMPLE PULSE DRIVERS	
DATE 03-09-67 MACH. 1131	
LOG 047F FRAME	01
P.No. 2201022	
IBM CORP. GPD BLK.	AU

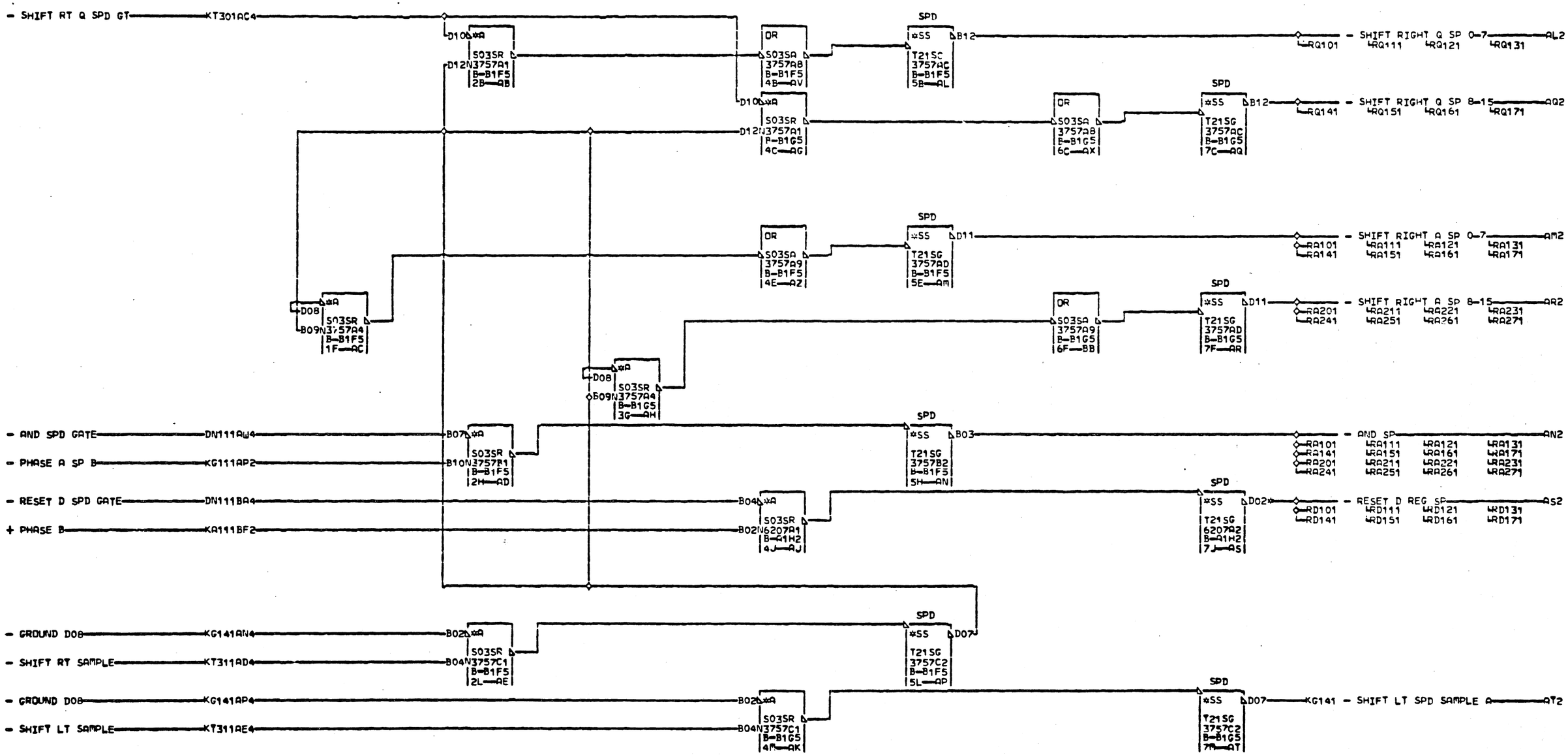
K G 1 3 1 000



02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

SHIFT LEFT A/Q
SAMPLE PULSE DRIVERS
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201023
IBM CORP. GPD BLK. AW

KG141 000

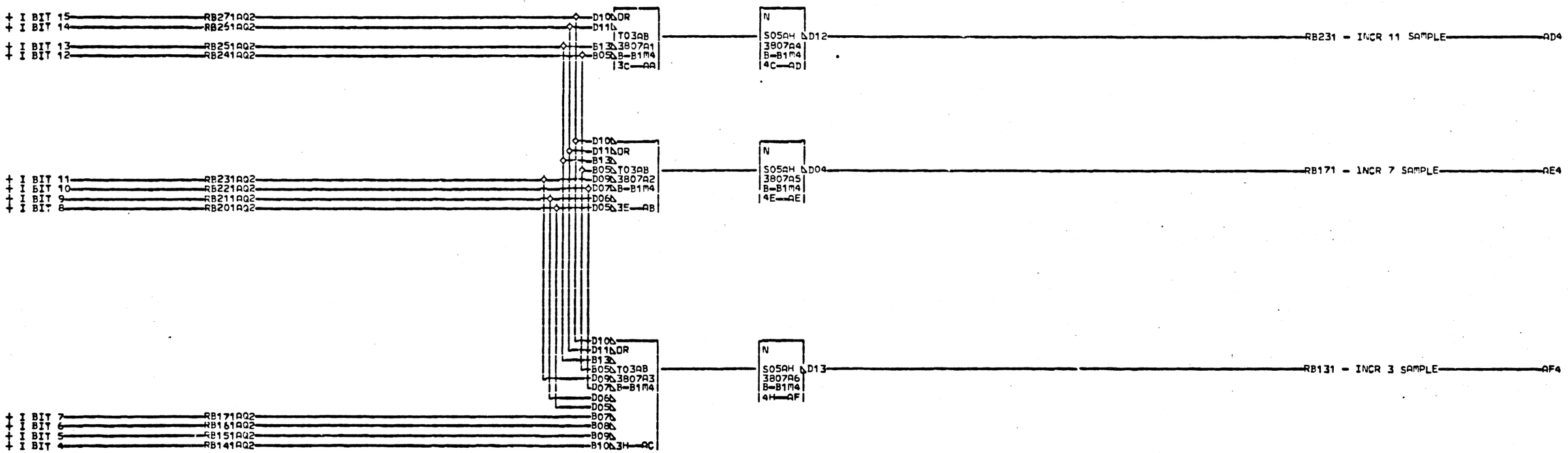


AS2 B-B1A3D04
01B-A1N3D04

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
03-26-65 415483
02-24-67 419633

SHIFT RIGHT A/Q RESET D AND SAMPLE PULSE DRIVERS
DATE 03-09-67 MACH= 1131
LOG 047F FRAME 01
P.N. 2201024
IBM CORP. GPD BLK. BC

K G151 000



02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

I INCREMENTER		
DATE	03-09-67 MACH. 1131	
LOG	047F FRAME	01
	P.N.	2201025
IBM CORP.	GPD BLK.	AK

K 5N01 1 000

K 5N01 1 000

+ LOAD IAR KEY — 001 — ENTR* ZK111 1A—BL — J02
+ T 3 — KC101AV2 — D04
+ BSI E — DN101BE4 — D05
- ADD TO STOR INTLK — KB111AN6
- BRANCH 2 — KB101AZ6
- T 7 — KC111AV6 — J11 — G07
- I CYCLE INCR IAR SAMPLE — KT311BA4
+ T 5 — KC111AK2
- SKIP SAMPLE — KB111AJ4
+ T 2 — KC101AQ2
+ MDX — KG241AF4
- INTERRUPT REQUEST — KU211AN4
+ E2 CYCLE — KD111BG4
- T 4 — KC111AE6
- T 6 — KC111AQ6
- A REG EQUAL ZERO — KU101AB4
+ LIKE SIGNS — KT101AK4
- E CYCLES — KD111AZ6
+ ADD TO STORAGE DP — KB111AG4
+ FORMAT 5 — RN101AN2
+ I1 CYCLE — KD101AS2
+ IA CYCLE — KD111AY2
+ E1 CYCLE — KD111BA2
+ T7 COUNT 0 — KG221AN4
+ XIO E2 RQ — DN201BC4

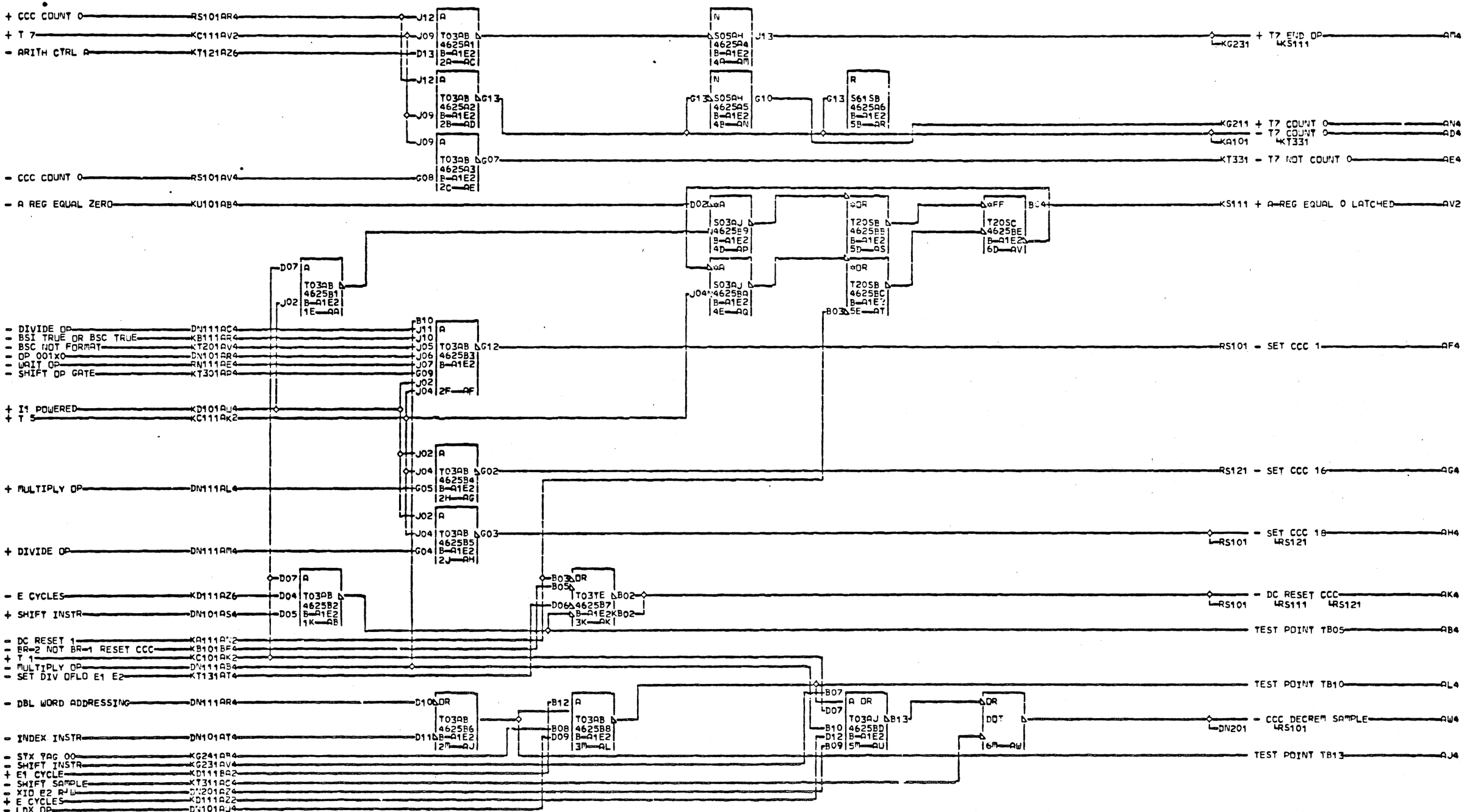
Z T60SE 4610AX B—A1M2 2A—AC
R S61SB 4610A6 B—A1M2 3A—AJ
OR T03TE 4610A5 B—A1M2K 5A—AT — D06* — KG111 - B TO I GATE — AT4
A OR T03AB 4610A2 B—A1M2 2B—AD — B03
OR DOT 3B—AK
A T03AB 4610AC B—A1M2 5B—AU — B04 B05 — TEST POINT B07 — AU4
N S05AH 4610A4 B—A1M2 1C—AA — B04
G07 A OR T03AB 4610A3 B—A1M2 2C—AE — B03
N S05AH 4610A1 B—A1M2 3C—BH — J02
DR T03TQ 4610AJ B—A1M2 6C—AX — D02* — IAR 0-7 INCR GT — AX4 — RB101 RB111 RB121 RB131 RB141 RB151 RB161 RB171
DR T03TQ 4610AK B—A1M2 6D—AY — BC2* — IAR 8-15 INCR GT — AY4 — RB201 RB211 RB221 RB231 RB241 RB251 RB261 RB271
N T03AJ 4610A5 B—A1M2 1E—BG
D05 A T03AB 4610A7 B—A1M2 2E—AF — D07
DR T03AB 4610AD B—A1M2 4F—AN — B12 D10
N T03AB 4610AE B—A1M2 4F—AP — G09
R S61SB 4610AV B—A1M2 7E—BM — G13
TEST POINT B13 — AN4
KG111 - M TO I SPD GATE — AK4
KG101 - INC IAR SAMPLE — BD4
TEST POINT G07 — AP4
TEST POINT B08 — AA4
TEST POINT B11 — AQ4
TEST POINT B05 — AF4
TEST POINT G11 — AR4
DR T03AB 4610AF B—A1M2 4H—AQ — B09 D12
A T03AC 4610AL B—A1M2 5H—AV — G08
A T03AC 4610AN B—A1M2 6H—AZ — G10 D11 B13
DR T03AE 4610AT B—A1M2 7H—BD — G13*
SERV* GND B—A1M2 1J—AB — D08 J13
DR T03AB 4610AG B—A1M2 4J—AR — J12 G12
A T03AC 4610AM B—A1M2 5J—AW — G10 G09
R S61SB 4610AZ B—A1M2 7J—BK — G05
KG101 - A TO M SPD GATE — BF4
+ T7 PWR — BG4 — KE101 KB111 KU201 MC101
G09 A T03AC 4610A8 B—A1M2 2L—AG — J09
G07 A T03AC 4610AA B—A1M2 3L—AL — J07 J10
DR T03AE 4610AH B—A1M2 4L—AS — J06*
R S61SB 4610AY B—A1M2 5L—BJ — J06
J06 A T03AC 4610AQ B—A1M2 6L—BB — G04 G07
G09 A T03AC 4610A9 B—A1M2 2M—AH — G07 J05
G02 A T03AC 4610AB B—A1M2 3M—AM — G07
J04 A T03AC 4610AU B—A1M2 6M—BC — G07
DR T03AE 4610AW B—A1M2 7M—BF — G05*
KG101 - I TO M SPD GATE — AS4

AK4 B—A1N2D02 01B—B1A2D03
01B—B1A2D02 BD4 B—A1N2D07
AS4 B—A1N3D09 01B—B1A2D07
01B—B1A3D09 BF4 B—A1N3D02
AT4 B—A1N2D06 01B—B1A3D02
01B—B1A2D06 BL4 B—A1A5D02
AX4 B—A1N2B03
01B—B1A2B03
AY4 B—A1N2D03

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

B TO I J M TO I AND I INC GATE
I TO M AND A TO M GATE
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.No. 2201026
IBM CORP. GPD BLK. BN

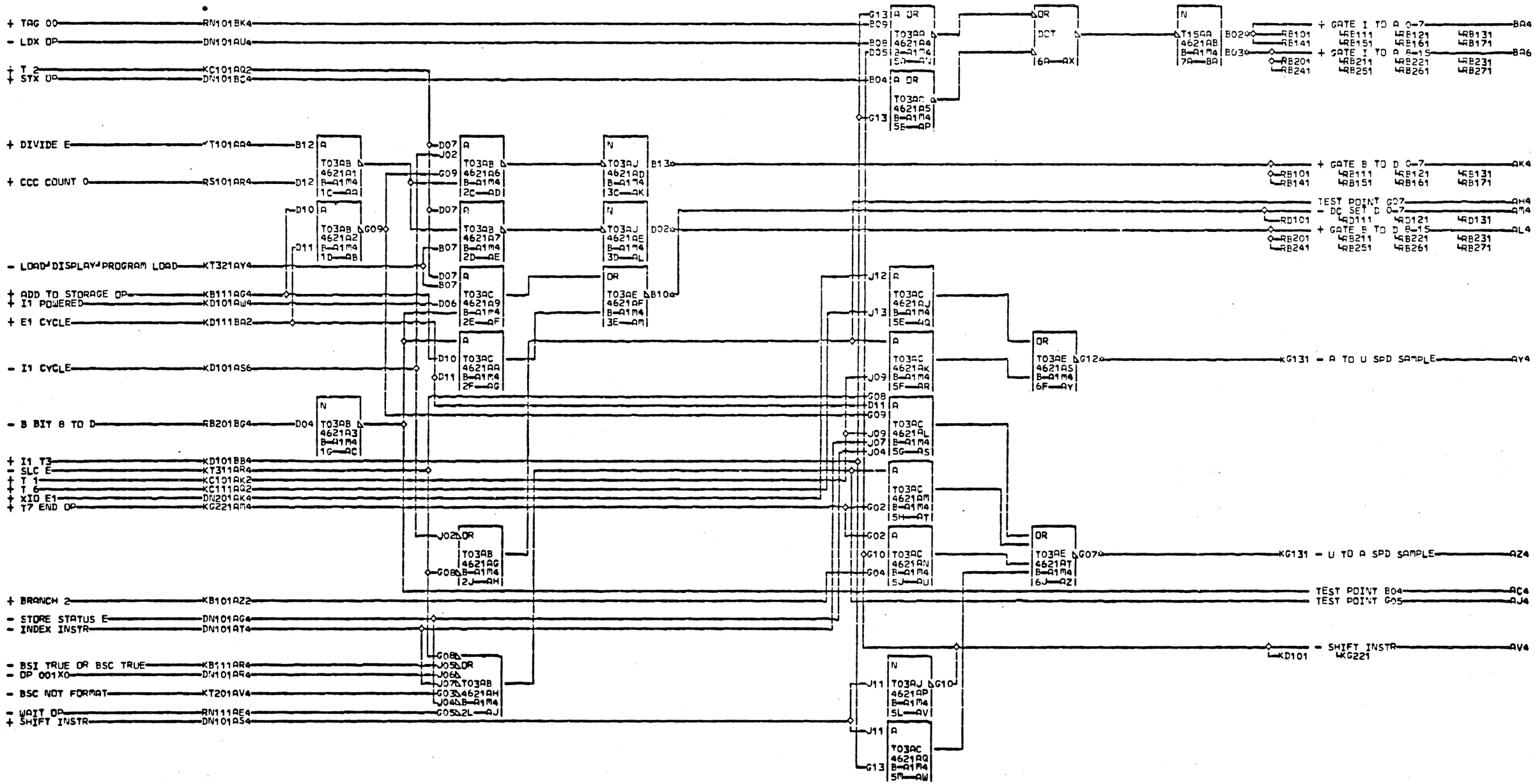
K G 2 1 1 000



02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
09-26-65 415483
02-24-67 419633

T7 END OP T7 COUNT 0
CCC CONTROLS
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201027
3M CORP. GPD BLK. AX

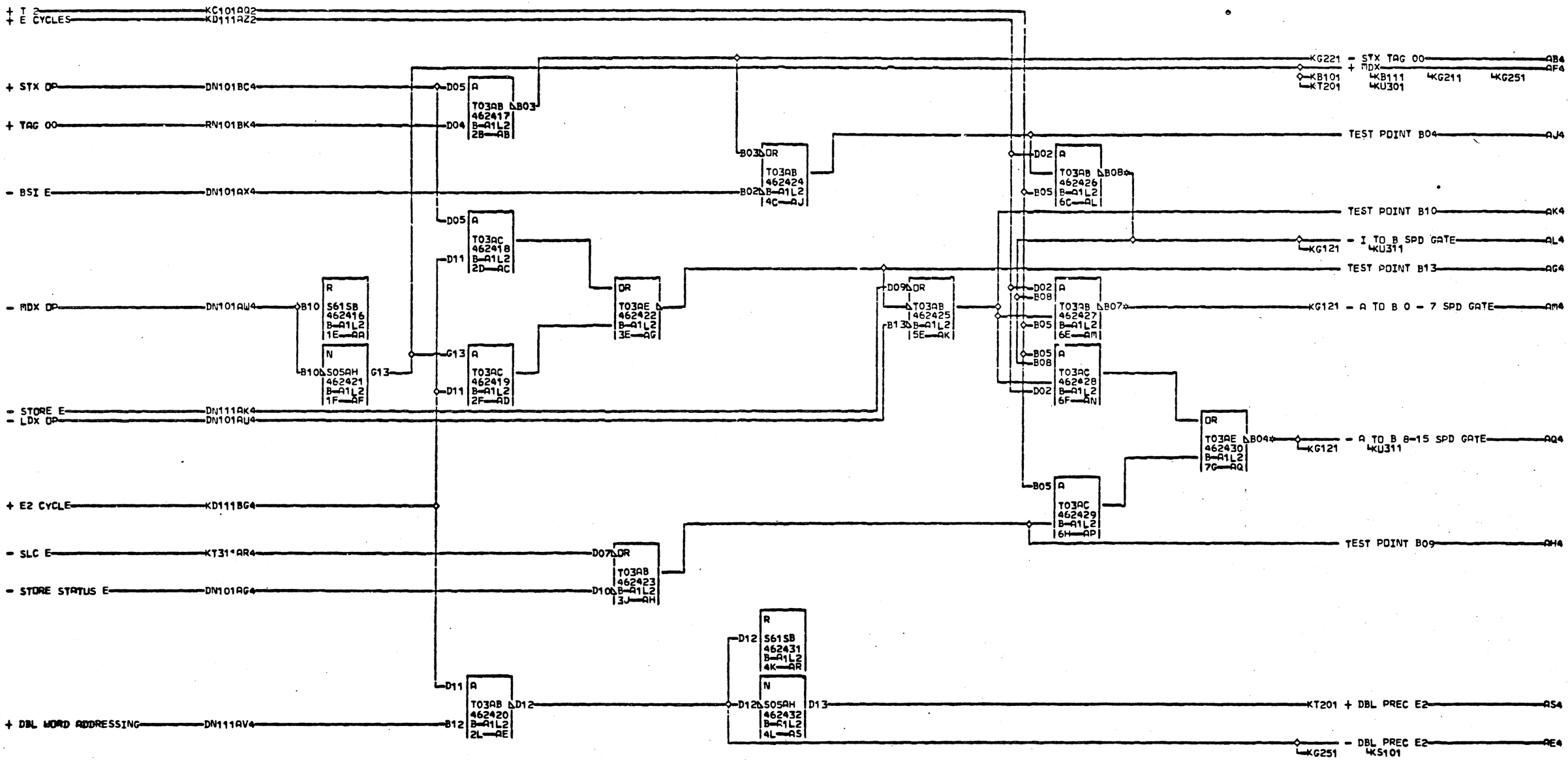
KG221 000



AK4 B-A1N3B05	01B-B1A5B07	
01B-B1A3B05	BA4 B-A1N2B04	
AL4 B-A1N3D05	01B-B1A2B04	
01B-B1A3D05	BA6 B-A1N2D04	
AM4 B-A1N4D07	01B-B1A2D04	
01B-B1A4D07		
AY4 B-A1N5D02		
01B-B1A5D02		
AZ4 B-A1N5B07		

02-17-65	415480
03-04-65	415480A
04-28-65	415480D
07-20-65	415481
08-26-65	415483
02-24-67	419633

I TO A AND B TO D GATE
A TO U AND U TO A SAMPLE
DATE 03-09-67 MACH. 1131
LOC 047F FRAME 01
P.N. 2201028
IBM CORP. GPD BLK. BD



K
G
2
4
1

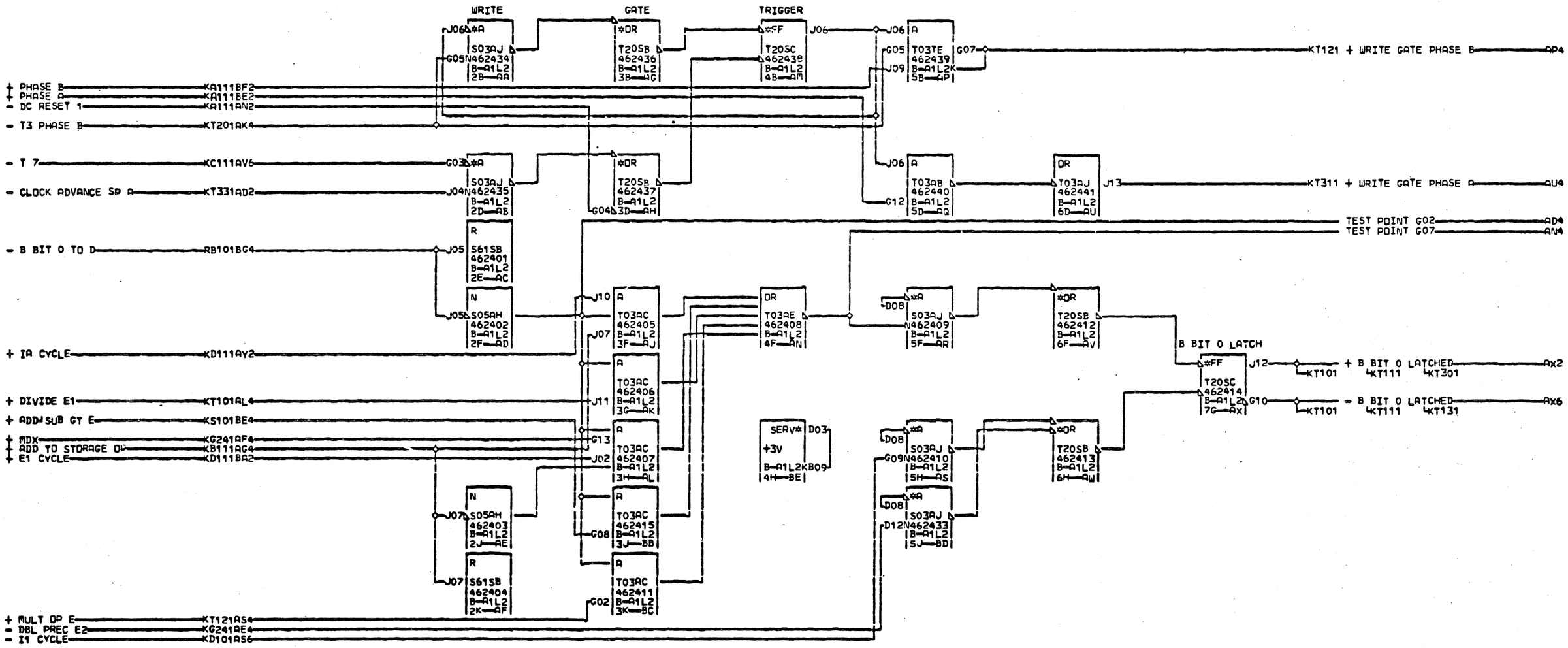
AL4 B-A1N2B06
01B-B1A2B06
AM4 B-A1N2B05
01B-B1A2B05
AQ4 B-A1N2D05
01B-B1A2D05

000

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

I TO B AND A TO B GATE
STX T 00 MDX DBL PREC E2
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.No. 2201029
IBM CORP. GPD BLK. AT

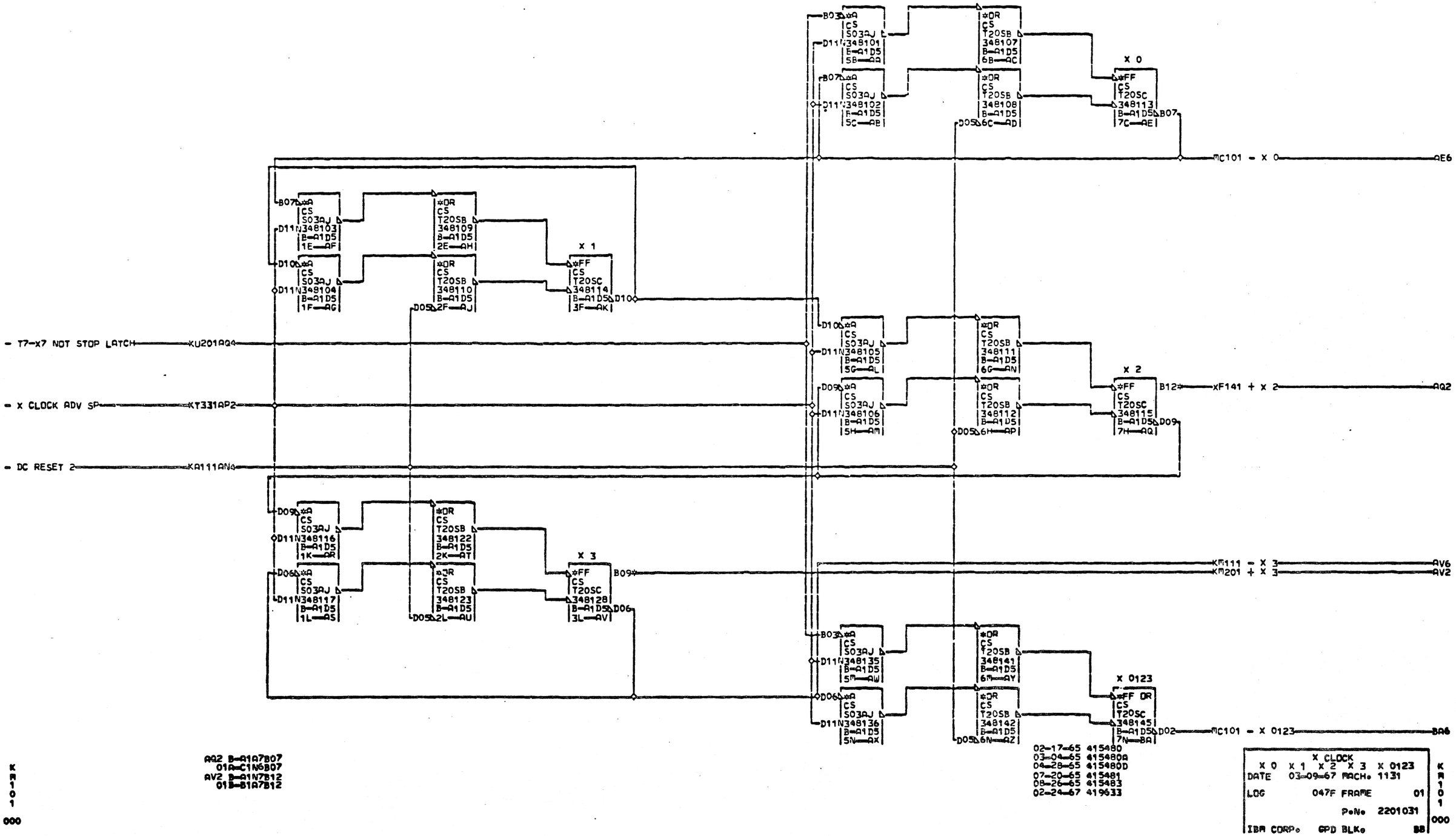
K
G
2
4
1
000



02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

WRITE GATE PHASE A AND B B BIT 0 LATCHED	
DATE 03-09-67 MACH. 1131	
LOG 047F FRAME	01
P.N. 2201030	
IBM CORP. GPD BLK.	BF

KG251 000

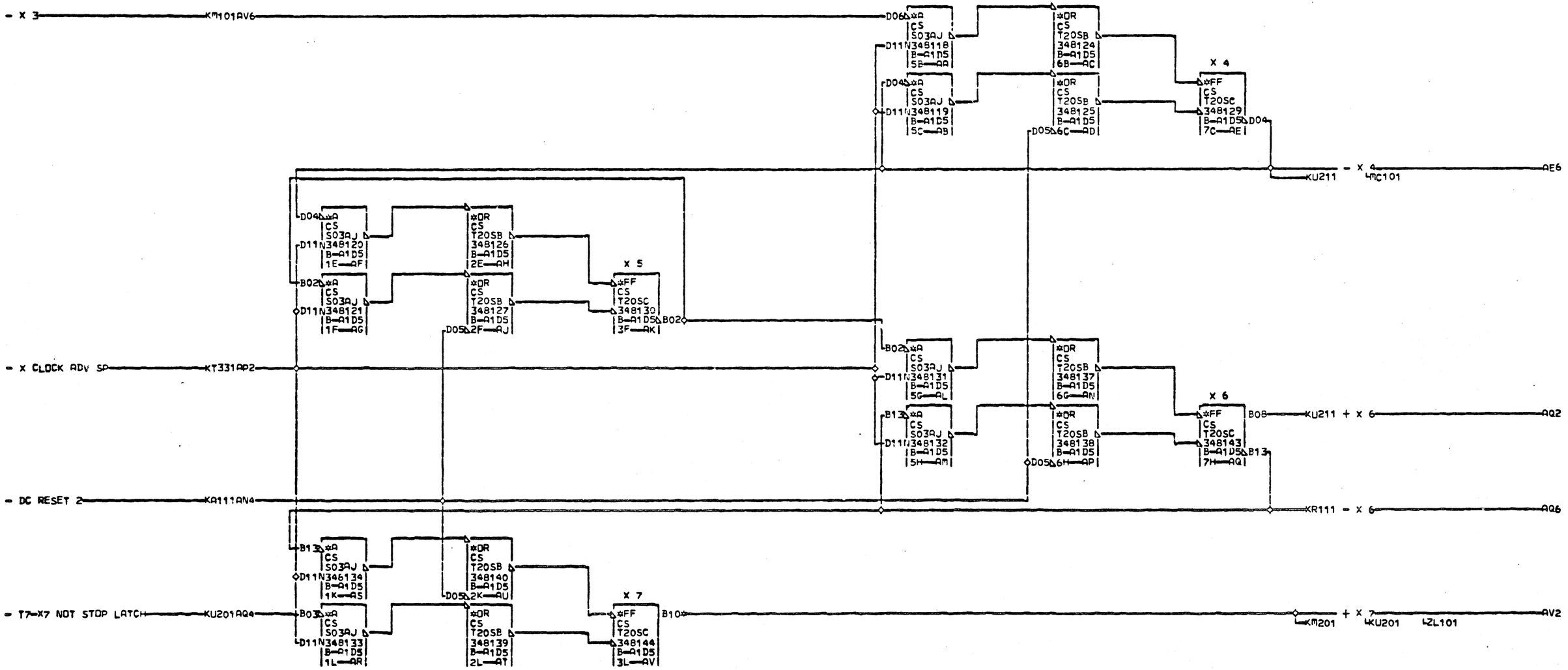


AQ2 B-A1A7B07
01A-C1N6B07
AV2 B-A1N7B12
01B-B1A7B12

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

X CLOCK					
X 0	X 1	X 2	X 3	X 0123	
DATE 03-09-67		MACH. 1131			
LOG 047F		FRAME		01	
		PcNo 2201031			
IBM CORP.	GPD BLK.			BB	

KM101 000

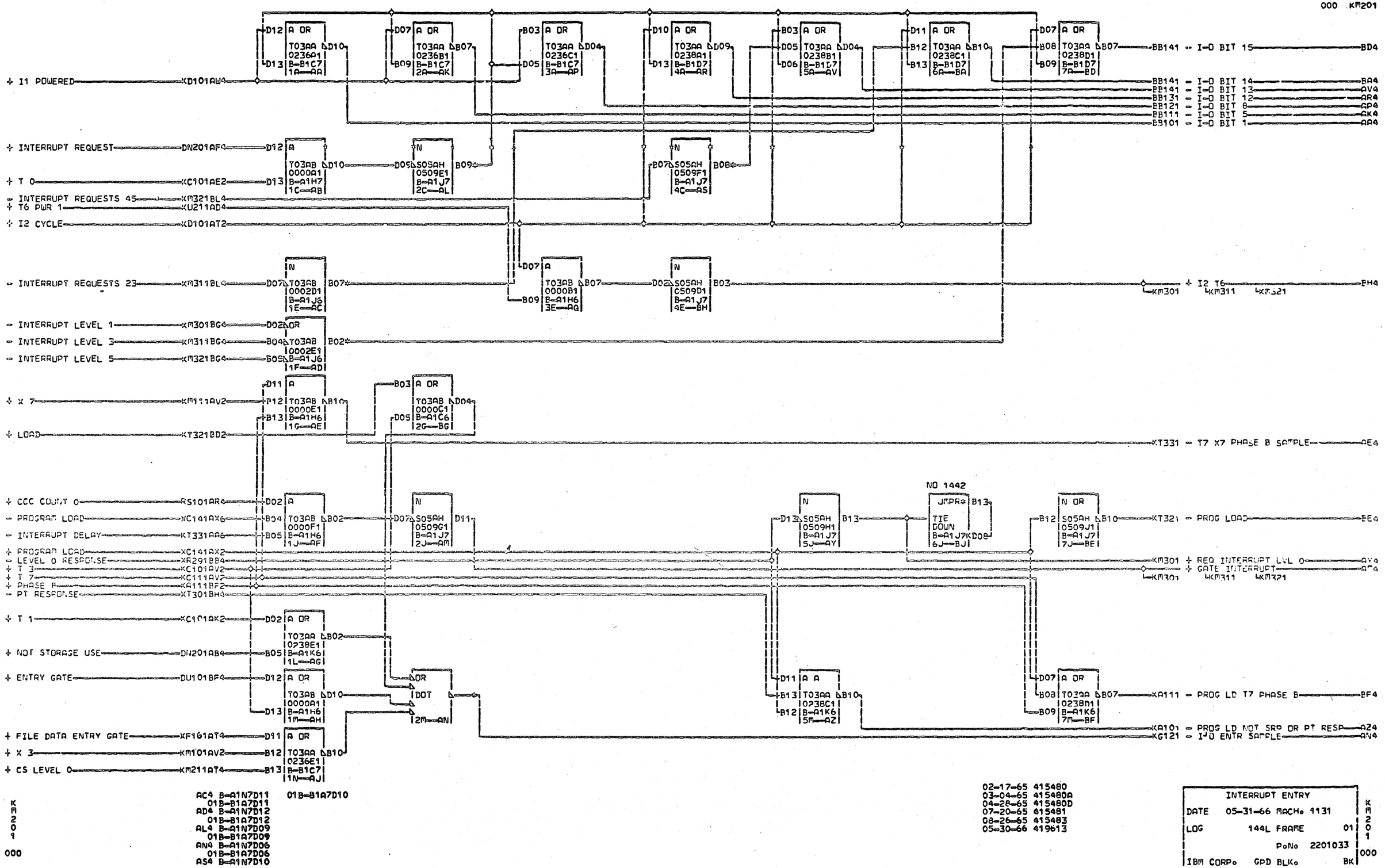


AV2 B-A1A4D07

02-17-65 415480
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

X CLOCK
X 4 X 5 X 6 X 7
DATE 03-09-67 RACH. 1131
LOG 047F FRAME 01
PeNo 2201032
IBM CORP. GPD BLK. AW

KM111 000

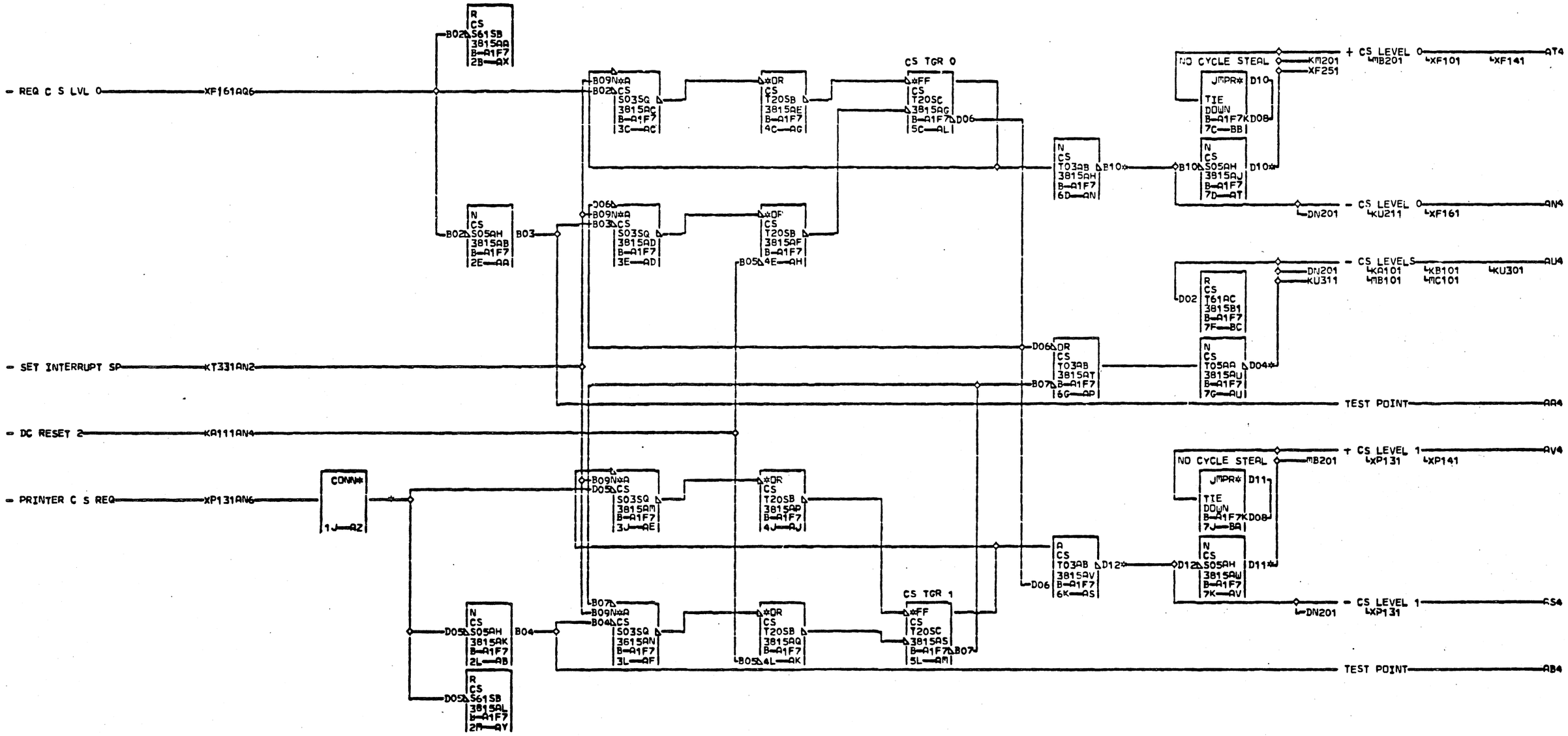


AC4 B=A1N7D11 01B=B1A7D10
01B=B1A7D11
AD4 B=A1N7D12
01B=B1A7D12
AL4 B=A1N7D09
01B=B1A7D09
AN4 B=A1N7D06
01B=B1A7D06
AS4 B=A1N7D10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
05-30-66 419613

INTERRUPT ENTRY		
DATE 05-31-66 MACH. 1131		
LOG 144L FRAME	01	
PgNo 2201033		
IBM CORP. GPD BLK.	BK	

KM201 000

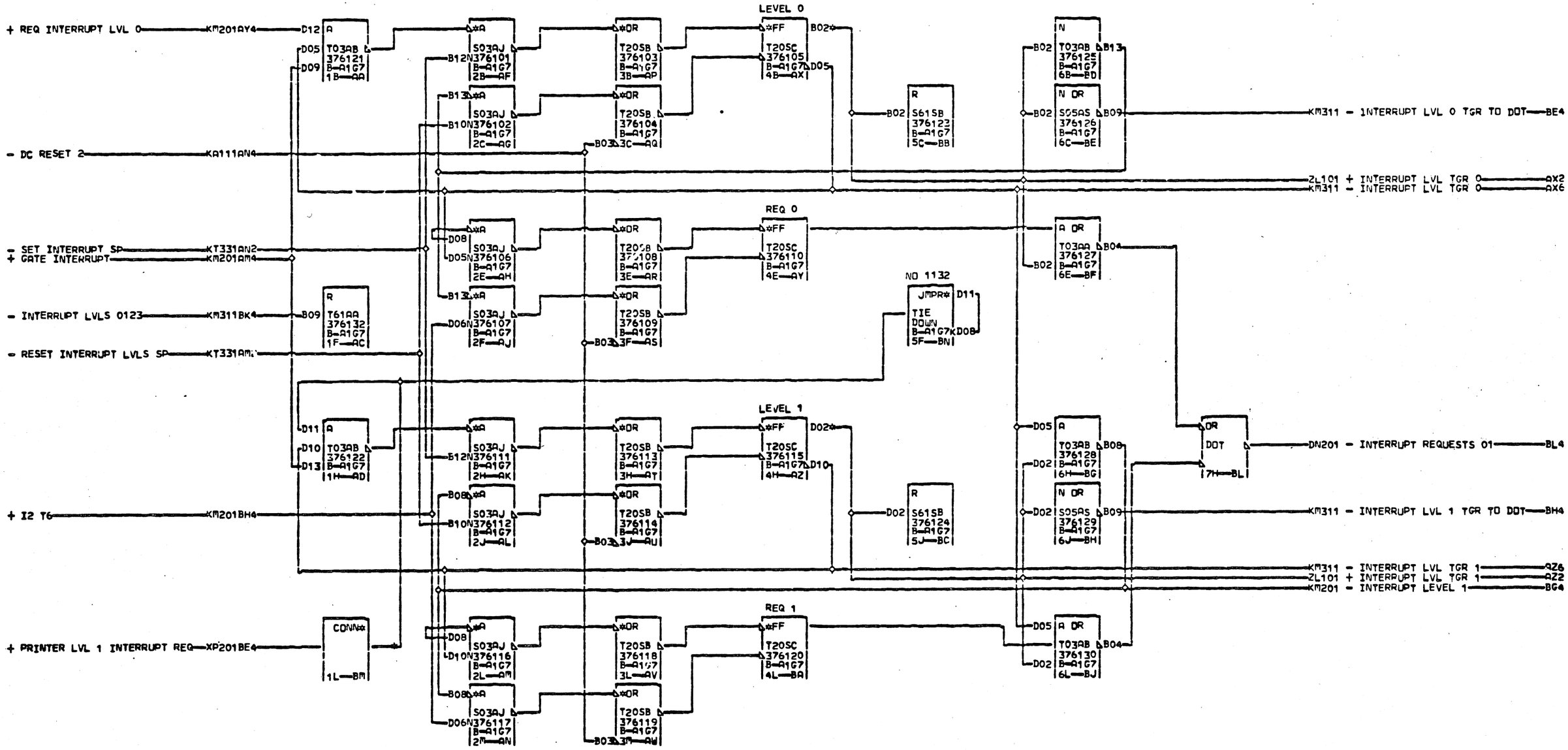


AN4 B-A1A7B02 01A-C1N3D13 01B-B1B7B07
01A-C1N6B02 AU4 B-A1N7D02
AS4 B-A1N7B05 01B-B1A7D02
01B-B1A7B05 AV4 B-A1N7B07
01B-B1B7B05 01B-B1A7B07
01A-A1N4B05 01B-B1B7B08
AT4 B-A1N7B11 01A-A1N4B08
01B-B1A7B11 AZ4 B-A1N7B06
01B-B1B6D13 01B-B1A7B06

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

	CYCLE STEAL LEVELS 0 AND 1	
DATE	03-09-67 MACH. 1131	
LOG	047F FRAME 01	
	P.N. 2201037	
IBM CORP.	GPD BLK. BD	

K 2 1 1 000



KM301
000

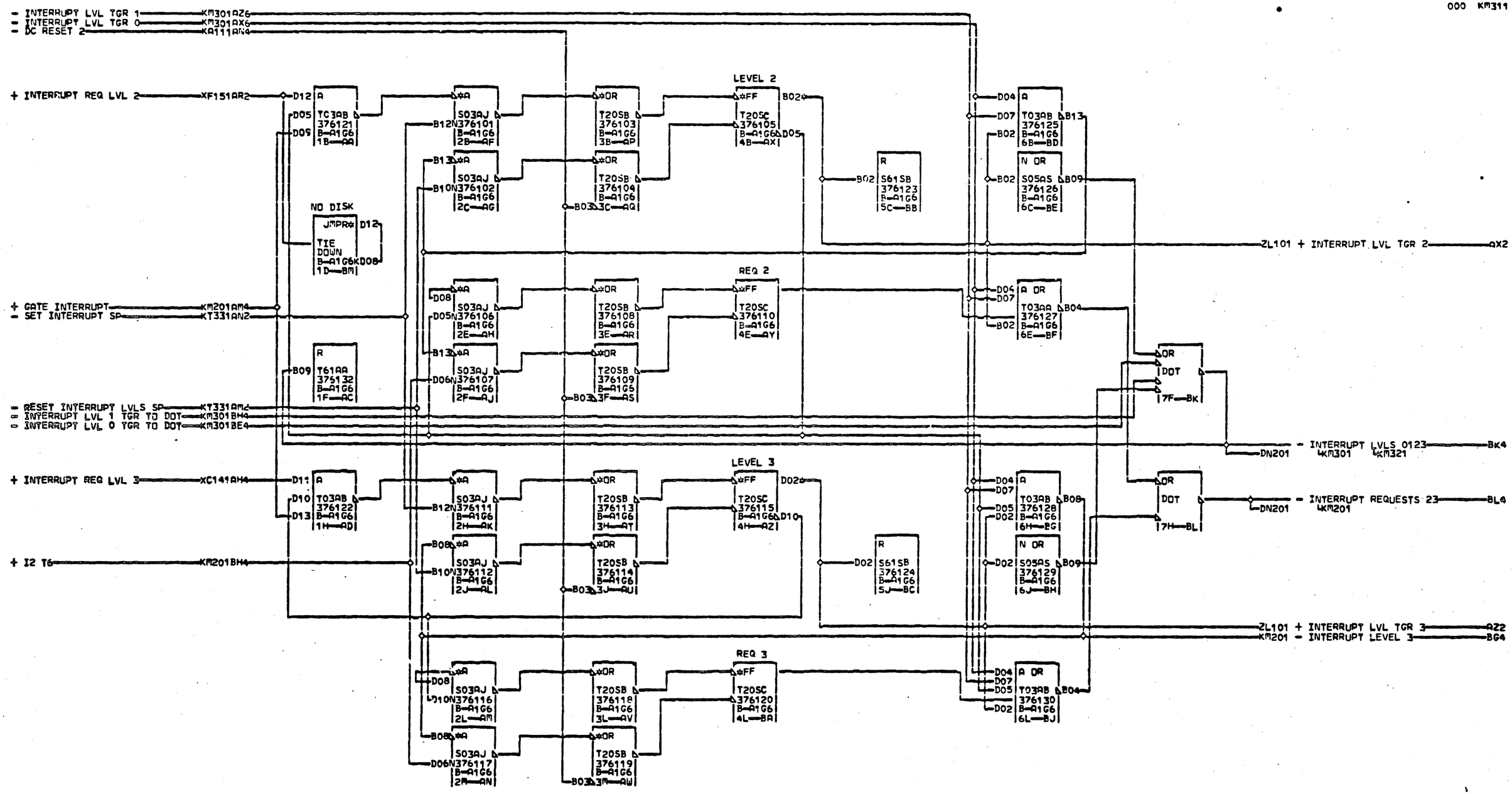
AX2 B=A1A4B08
AZ2 B=A1A4D09
BH4 B=A1A6D11
01A=C1N4D11
01A=C1G1A11
01A=B1G1A11
01A=B1A2B11

02-17-65 415480
03-04-65 415480A
04-13-65 415480C
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

INTERRUPT LEVELS 0 AND 1

DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201034
IBM CORP. GPD BLK. BP

KM301
000



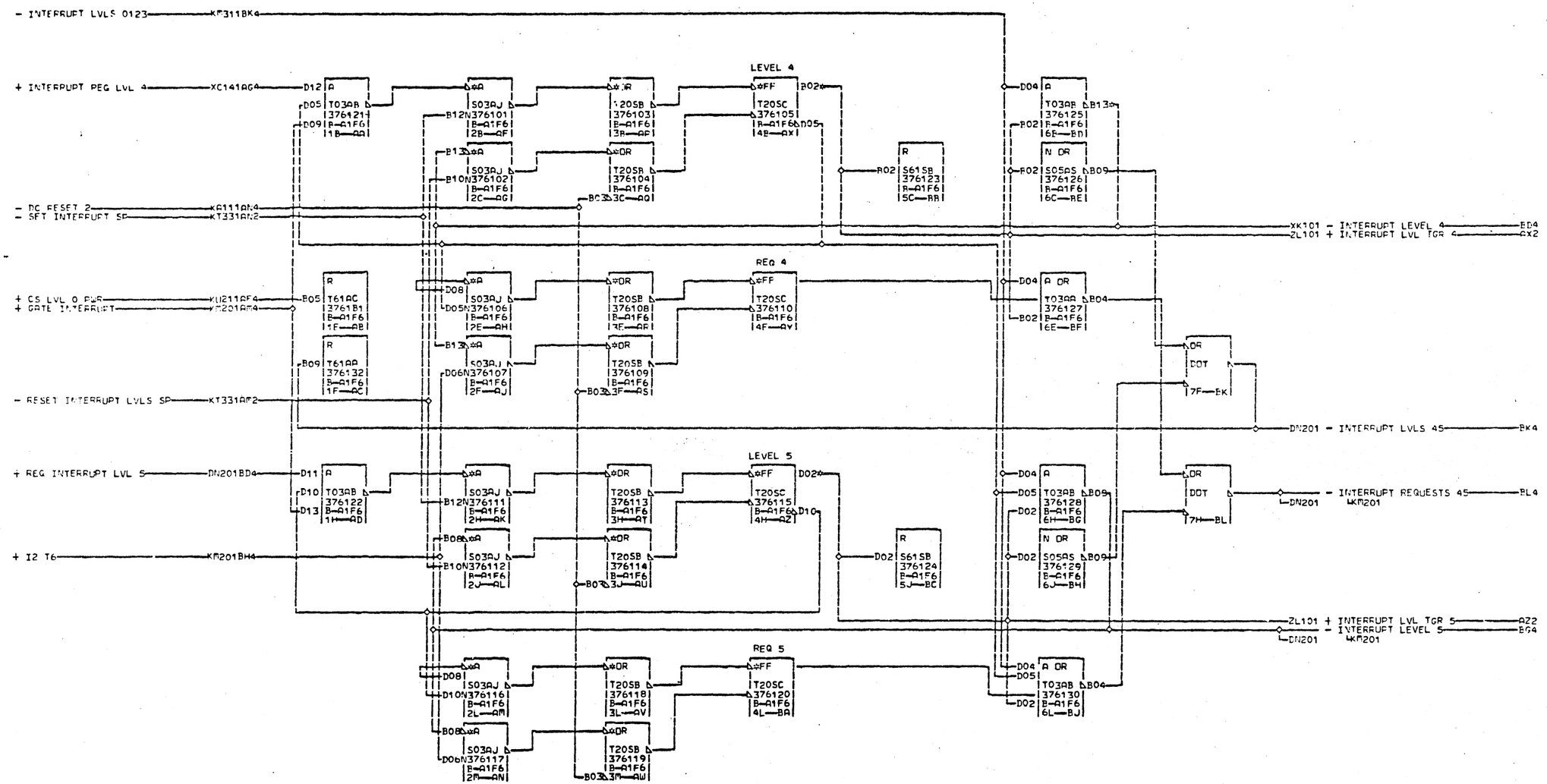
AX2 B-A1A4B09
AZ2 B-A1A4D10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

INTERRUPT LEVELS 2 AND 3			
DATE	03-09-67	MACH.	1131
LOG	047F	FRAME	01
		P.N.	2201035
IBM CORP.	GPD BLK.		BN

KM311 000

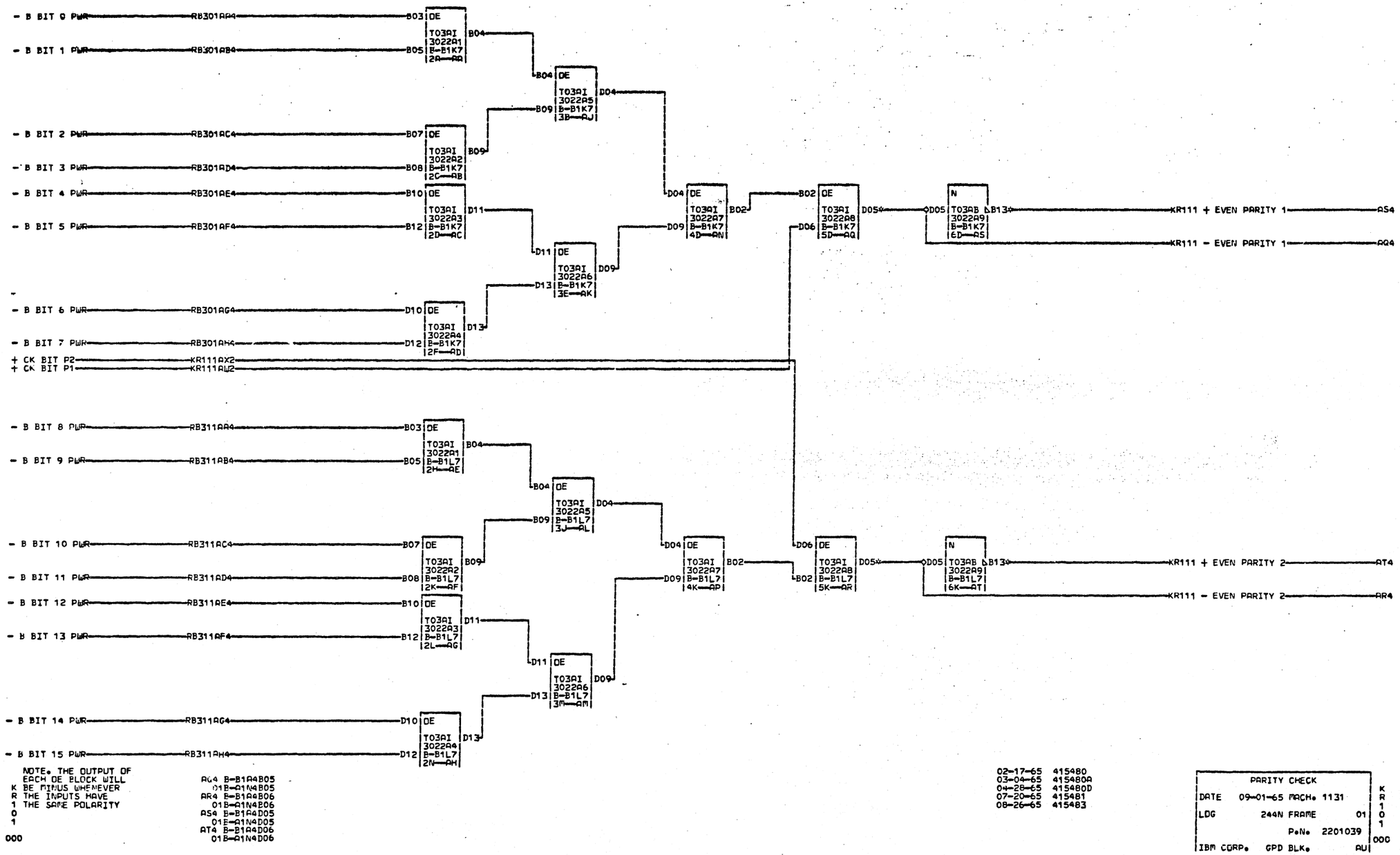
000 KM321



AX2 B-A1A4B10
AZ2 B-A1A4D11
BD4 R-A1A7B09
01A-C1N6B09
01R-C1F8E04
01A-A1E8E04

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
05-16-66 419609

INTERRUPT LEVELS 4 AND 5	
DATE 05-09-66 MACH. 1131	
LOG 128C FRAME 01	
P.N. 2201036	
IBM CORP. GPD BLK. BM	000



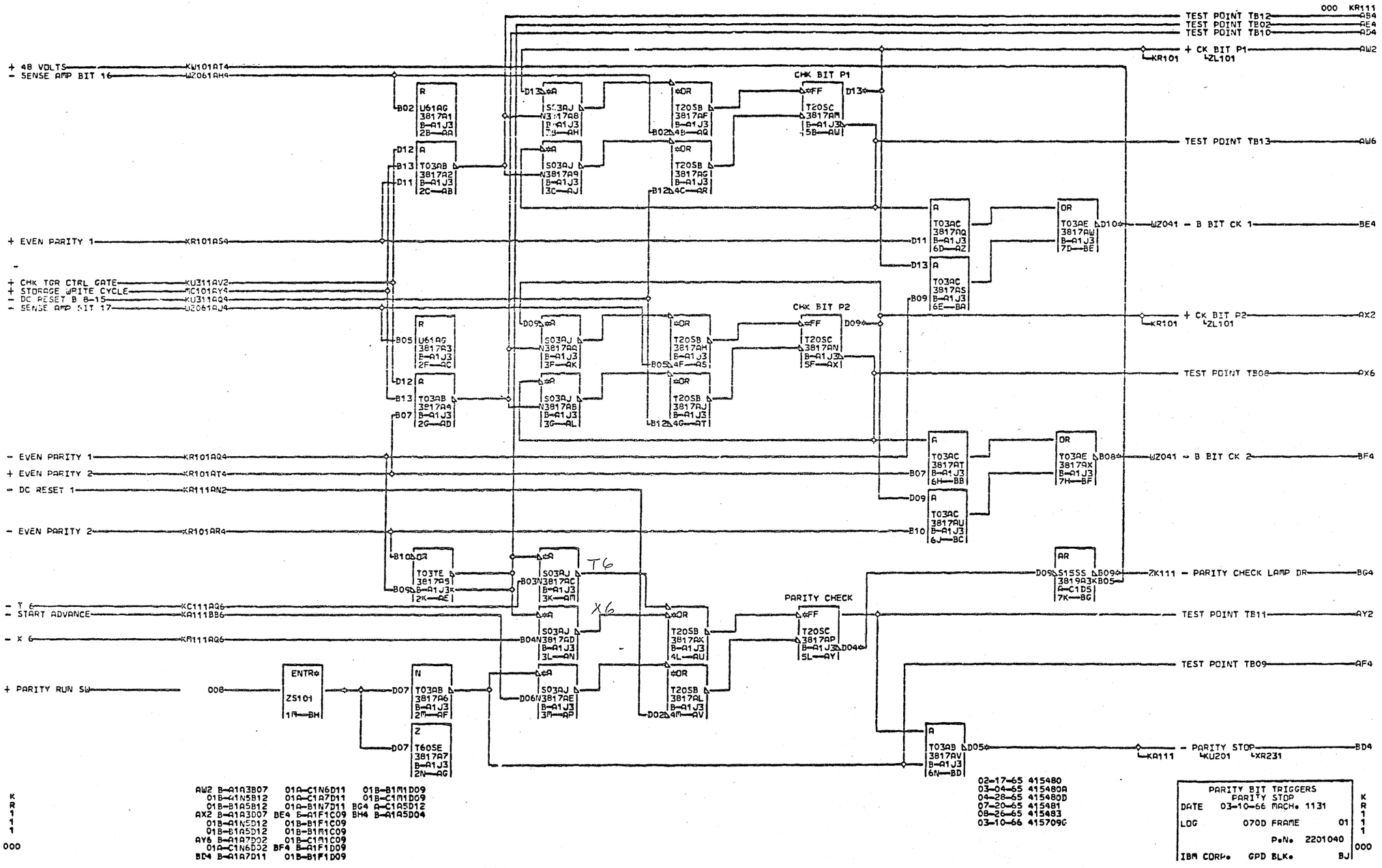
NOTE. THE OUTPUT OF EACH OE BLOCK WILL BE MINUS WHENEVER THE INPUTS HAVE THE SAME POLARITY

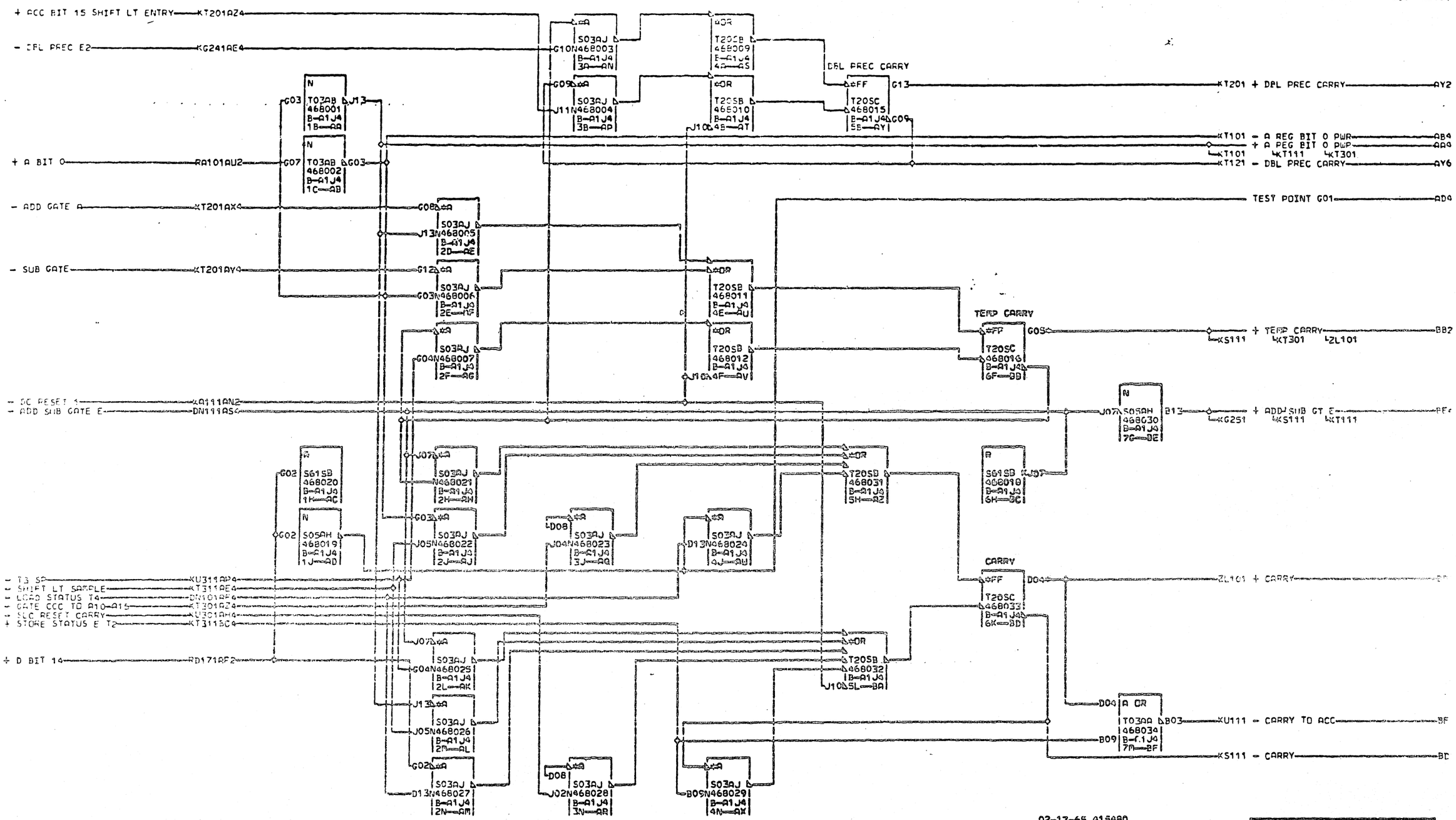
000

AQ4 B-B1A4B05
01B-A1N4B05
AR4 B-B1A4B06
01B-A1N4E06
AS4 B-B1A4D05
01E-A1N4D05
AT4 B-B1A4D06
01B-A1N4D06

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483

PARITY CHECK				K
DATE	09-01-65	MACH. 1131		R
LDG	244N	FRAME	01	1
		P.N.	2201039	0
IBM CORP.	GPD BLK.		AU	1
				000


000 KR111
TEST POINT TB12 AB4
TEST POINT TB02 AE4
TEST POINT TB10 AD4
+ CK BIT P1 AW2
KR101 ZL101
CHK BIT P1
TEST POINT TB13 AW6
+ 48 VOLTS KW101AT4
- SENSE AMP BIT 16 WZ061AH4
+ EVEN PARITY 1 KR101AS4
+ CHK TGR CTRL GATE KU311AV2
+ STORAGE WRITE CYCLE MC101AY4
- DC RESET B 8-15 KU311AQ4
- SENSE AMP BIT 17 WZ061AJ4
WZ041 - B BIT CK 1 BE4
CHK BIT P2
+ CK BIT P2 AX2
KR101 ZL101
TEST POINT TB08 AX6
- EVEN PARITY 1 KR101AQ4
+ EVEN PARITY 2 KR101AT4
- DC RESET 1 KR111AN2
- EVEN PARITY 2 KR101AR4
WZ041 - B BIT CK 2 BF4
T6
X6
PARITY CHECK
ZK111 - PARITY CHECK LAMP DR BG4
- T 6 KC111AQ6
- START ADVANCE KA111BB6
- X 6 KR111AQ6
TEST POINT TB11 AY2
TEST POINT TB09 AF4
+ PARITY RUN SW 008
ENTR ZS101
- PARITY STOP BD4
KA111 KU201 XR231
AW2 B-A1A3B07 01A-C1N6D11 01B-B1M1D09
01B-A1N5B12 01A-C1A7D11 01B-C1M1D09
01B-B1A5B12 01A-B1N7D11 BG4 A-C1A5D12
AX2 B-A1A3D07 BE4 E-A1F1C09 BH4 B-A1A5D04
01B-A1N5D12 01B-B1F1C09
01B-B1A5D12 01B-B1M1C09
AY6 B-A1A7D02 01B-C1M1C09
01A-C1N6D02 BF4 B-A1F1D09
BD4 B-A1A7D11 01B-B1F1D09
02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
03-10-66 4157090
PARITY BIT TRIGGERS
PARITY STOP
DATE 03-10-66 MACH. 1131
LOG 070D FRAME 01
P.N. 2201040
IBM CORP. GPD BLK. BJ
K R 1 1 1 000



BB2 B-A1A4D04
BD2 B-A1A4B05

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
05-09-66 419608
05-30-66 419613

CARRY, TEMP CARRY, DBL PR CARRY	
DATE 05-31-66 MACH. 1131	
LOG 144L FRAME 01	
P.No. 2201041	
IBM CORP. GPD BLK. BG	

K S 1 0 1 0 0 0

+ ADD/SUB GT E — KS101BE4
+ TEMP CARRY — KS101BB2 — G05 — OE T03AI 468008 B-A1J4 1A-AA — B12
+ T7 END OP — KG221AM4
- A REG EQUAL ZERO — KU101AB4
+ DIVIDE E — KT101AA4
+ OFLO GATE — KT101AV4
+ DIV CT 16 SAMPLE — KT301BF4
- LOAD STATUS T4 — DN101AF4
- BSI OR BSC RESET OVERFLOW — KB111AX4
+ D BIT 15 — RD171AQ2
= SET DIV OFLO E1 E2 — KT131AT4
= DC RESET 1 — KA111AN2
+ STORE STATUS E T2 — KT311BC4
- CARRY — KS101BD6
+ D BIT 14 — RD171AP2
= U BIT 15 — RA271AX6
+ D BIT 13 — RD161AQ2
+ A-REG EQUAL 0 LATCHED — KG221AV2
+ D BIT 10 — RD151AP2
+ D BIT 12 — RD161AP2
+ D BIT 11 — RD151AQ2
- U BIT 0 — RA101AX6

B13 A T03AC 468013 B-A1J4 2A-AE — D12
D12 A T03AC 468014 B-A1J4 2B-AF — B12 B10
D11 A T03AC 468055 B-A1J4 2C-BB
J12
OR T03AE 468017 B-A1J4 3A-AJ
R S61SB KJ09 468035 B-A1J4 1E-AB — J09
N S05AH 468037 B-A1J4 2E-AG — J09
*A S03AJ 468040 B-A1J4 4B-AP — D13
*A S03AJ 468041 B-A1J4 4D-AQ — B07
*A S03AJ 468043 B-A1J4 4E-AR — D13 — J09
*A S03AJ 468042 B-A1J4 5E-AS — B09
*OR T20SB 468050 B-A1J4 6B-AV — D05
*OR T20SB 468051 B-A1J4 6D-AW — J10
OVERFLOW *FF T20SC 468053 B-A1J4 7C-AY — B05
ZL101 + OVERFLOW — AY2
TEST POINT B13 — AA6
B05 A OR T03AA 468054 B-A1J4 7C-AZ — B09 — B04 — KU111 = OVERFLOW TO ACC — AZ4

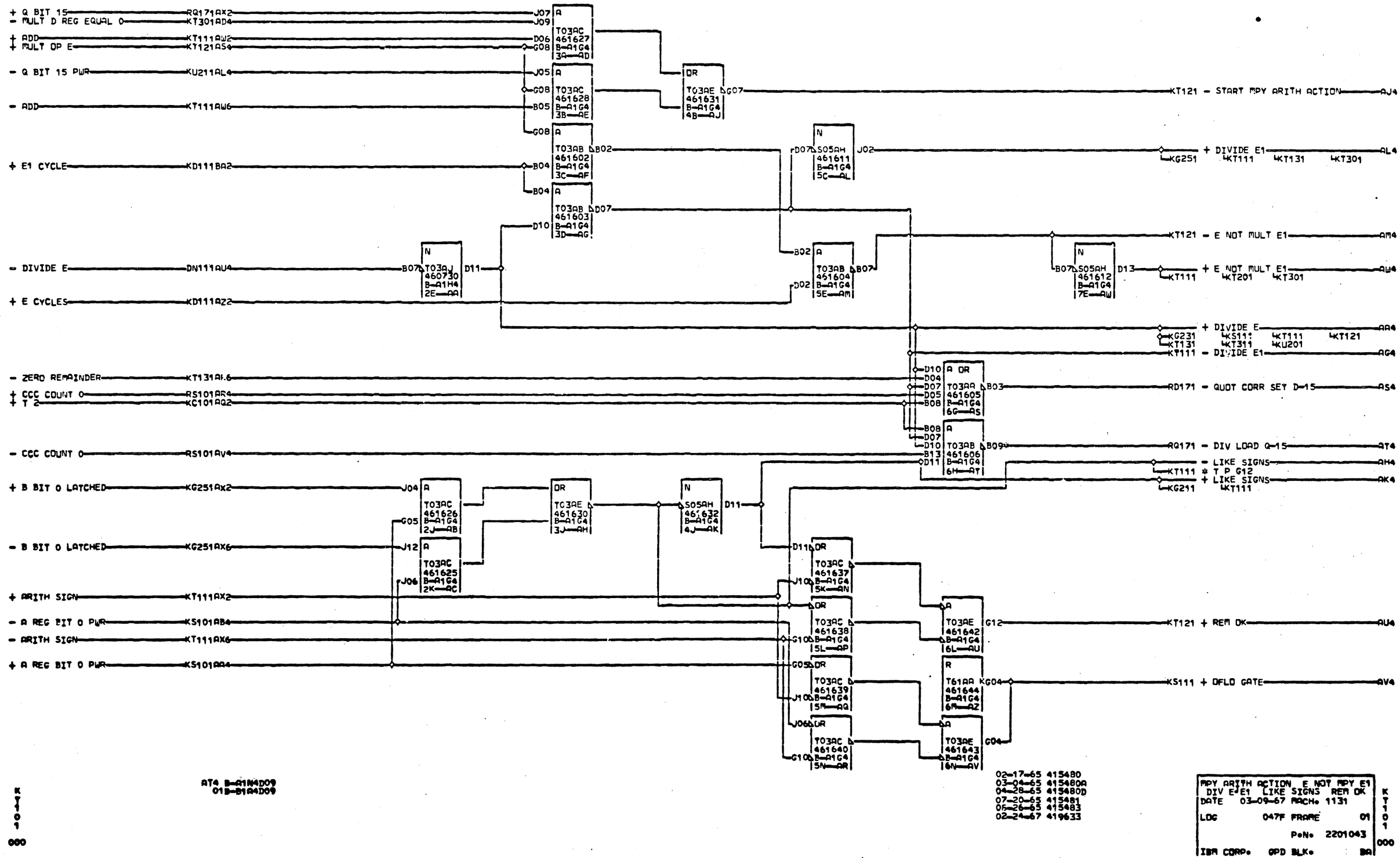
A T03AC 468048 B-A1J4 3H-AK — G02
A T03AC 468047 B-A1J4 3J-AL — D10
A T03AC 468049 B-A1J4 5H-AT — J09
R S61SB KJ06 468036 B-A1J4 1K-AC — J06
N S05AH 468038 B-A1J4 2K-AH — J06
A T03AC 468044 B-A1J4 3L-AM — J06 — D06
N T03AB 468039 B-A1J4 1M-AD — B02
A T03AC 468045 B-A1J4 3M-AN — D09
A T03AC 468046 B-A1J4 5M-AU — B02 — D02
OR T03AE 468052 B-A1J4 6K-AX — B08 — KB111 = SKIP COND — AX4
TEST POINT D02 — AM4

AY2 B-A1A4D06

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

OVERFLOW / SKIP COND			
DATE	03-09-67	RACH. 1131	
LOG	047F	FRAME	01
		P.N.	2201042
IBM CORP.	GPD	BLK.	BC

K S 1 1 1 000

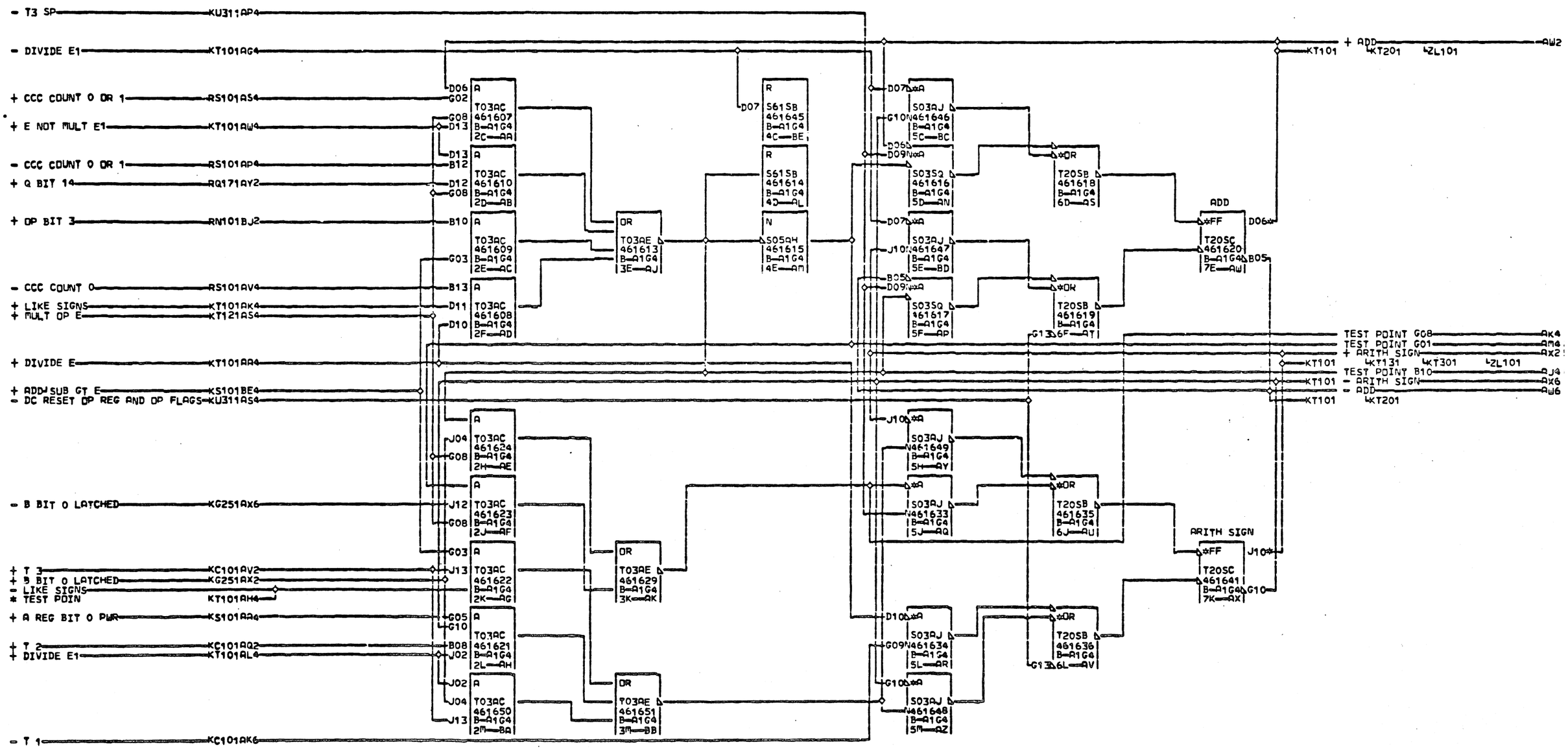


AT4 B-A1N4D09
01B-B1A4D09

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
05-26-65 415483
02-24-67 419633

MPY ARITH ACTION E NOT MPY E1
DIV E1 LIKE SIGNS REM OK
DATE 03-09-67 MACH. 1131
LOC 047F FRAME 01
PeNo 2201043
IBM CORP. GPD BLK. BA

KT101 000

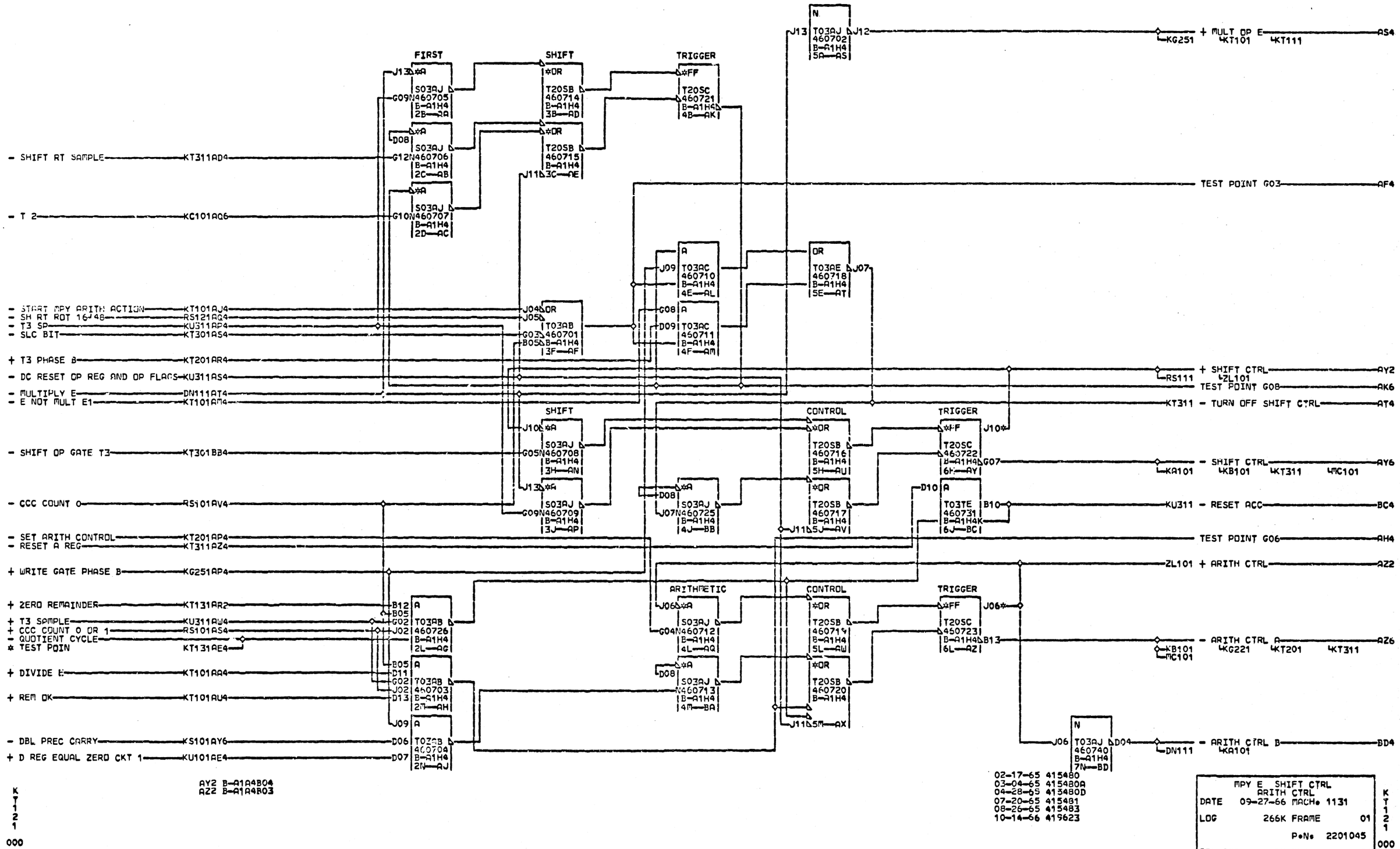


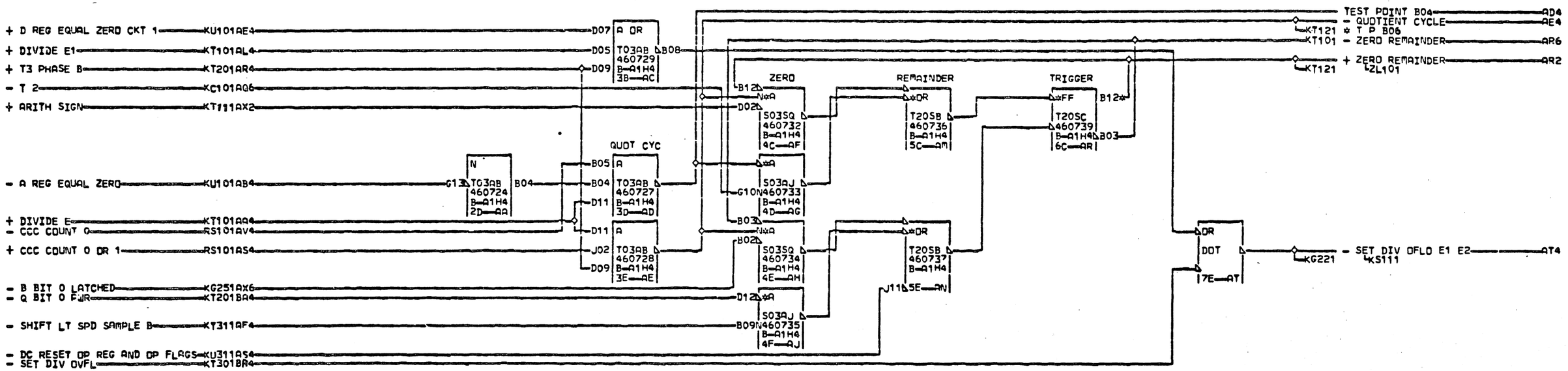
AW2 B=A1A4B02
AX2 B=A1A4D02

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

ARITHMETIC SIGN AND ADD	
DATE 03-09-67 MACH. 1131	
LOG 047F FRAME	01
P.N. 2201044	
IBM CORP. GPD BLK.	BF

K T 1 1 1 000


FIRST
SHIFT
TRIGGER
- SHIFT RT SAMPLE KT311AD4
- T 2 KC101AG6
- START MPY ARITH ACTION KT101AJ4
- SH RT ROT 16/48 RS121AG4
- T3 SP KU311AP4
- SLC BIT KT301AS4
+ T3 PHASE B KT201AR4
- DC RESET OP REG AND OP FLAGS KU311AS4
- MULTIPLY E DN111AT4
- E NOT MULT E1 KT101AM4
+ MULT OP E KT101 KT111 AS4
TEST POINT G03 AF4
+ SHIFT CTRL KT101 RS111 AY2
TEST POINT G08 AK6
KT311 - TURN OFF SHIFT CTRL AT4
SHIFT
CONTROL
TRIGGER
- SHIFT OP GATE T3 KT301BB4
- CCC COUNT 0 RS101AV4
- SET ARITH CONTROL KT201AP4
- RESET A REG KT311AZ4
+ WRITE GATE PHASE B KG251AP4
- SHIFT CTRL KA101 KB101 KT311 MC101 AY6
- RESET ACC KU311 BC4
TEST POINT G06 AH4
ZL101 + ARITH CTRL AZ2
ARITHMETIC
CONTROL
TRIGGER
+ ZERO REMAINDER KT131AR2
+ T3 SAMPLE KU311AW4
+ CCC COUNT 0 OR 1 RS101AS4
- QUOTIENT CYCLE
* TEST POIN KT131AE4
+ DIVIDE E KT101AA4
+ REM OK KT101AU4
- ARITH CTRL A KB101 MC101 KG221 KT201 KT311 AZ6
- DBL PREC CARRY KS101AY6
+ D REG EQUAL ZERO CKT 1 KU101AE4
- ARITH CTRL B DN111 KA101 BD4
AY2 B-A1A4B04
AZ2 B-A1A4B03
02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
10-14-66 419623
MPY E SHIFT CTRL
ARITH CTRL
DATE 09-27-66 MACH. 1131
LOG 266K FRAME 01
P.N. 2201045
IBM CORP. GPD BLK. BE
KT121
000



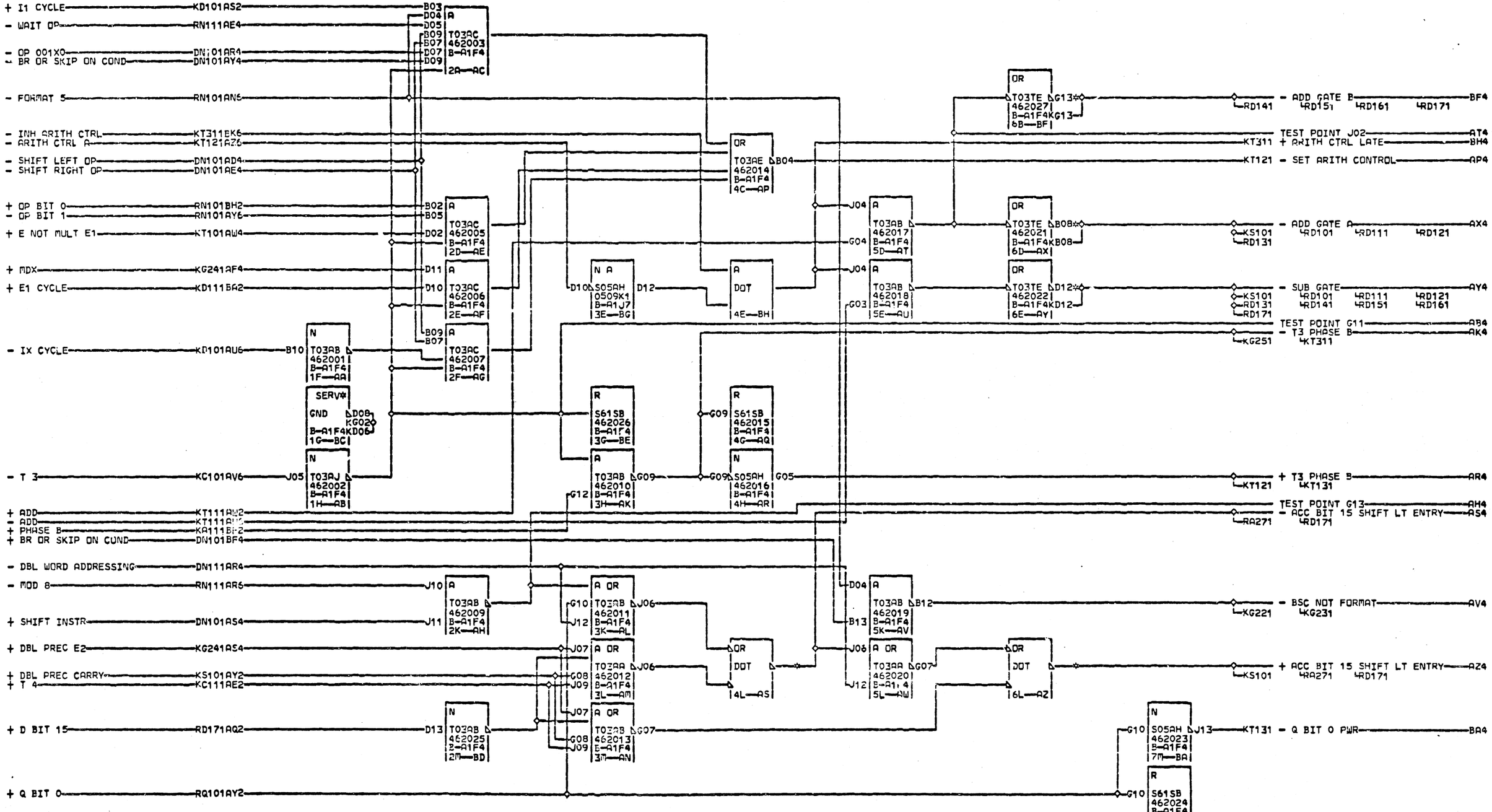
AR2 B=A1A4D05

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

ZERO REMAINDER SET DIV OFLO E1 E2		
DATE 03-09-67	RACH. 1131	
LOG 047F	FRAME	01
	PaNo 2201046	
IBM CORP. GPD	BLK.	AU

K 1 1 3 1 000

K 1 1 3 1 000



K T 2 0 1 000

AS4 B-A1N4D13 01B-B1A5D06
01B-B1A4D13
AX4 B-A1N4B11
01B-B1A4B11
AY4 B-A1N4D11
01B-B1A4D11
AZ4 B-A1N4B13
01B-B1A4B13
BF4 B-A1N5D06

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
05-30-66 419613
10-14-66 419623

ADD SUB GT A 15 SHIFT LT ENTR
SET ARITH CTRL T3 PHASE B
DATE 09-27-66 MACH. 1131
LOG 271M FRAME 01
P.N. 2201047
IBM CORP. GPD BLK. BJ

- MULTIPLY OP — DN111AB4 — J12 DR
- MOD 8 — RN111AR6 — J13 T03TE 4685A1 B-A1K4K 2A-AC — G10 — KG151 - SHIFT RT Q SPD GT — AC4
RA101 - ACC BIT 0 SHIFT RT ENTRY — AN4

- A REG EQUAL ZERO — KU101AB4
+ B BIT 0 LATCHED — KG251AX2
G02 R S61SB 4685BC B-A1K4 4B-AQ

+ E1 CYCLE — KD111BA2 — J06 — J10 A T03AB 4685B3 B-A1K4 2C-AD — J09 — G12
G02 N S05AH 4685BD B-A1K4 4C-AR — D13 — RA101 + ACC BIT 0 SHIFT RT ENTRY — AR4

KS111 + DIV CT 16 SAMPLE — BF4
KT101 - MULT D REG EQUAL 0 — AD4
KT311 - D REG EQUAL ZERO — AA4

G12 N T03AB 4685B1 B-A1K4 1D-AA — G13

+ D REG EQUAL ZERO CKT 2 — KU101AF4

+ MULTIPLY OP — DN111AL4
+ Q BIT 15 — RQ171AX2
+ MOD 8 — RN111AR2
J05 D10 — J11 — G05 — A OR T03AA 4685B4 B-A1K4 2E-AE — G02 — DOT — 3F-AN
G07 D02 — J02 — G04 — A T03AC 4685BF B-A1K4 5E-AT — OR OR T03AE 4685BL B-A1K4 6F-BA — B13 — KT131 - SET DIV OVFL — BA4

- MOD 9 — RN111AS6 — J04 — G03 — A OR T03AB 4685B5 B-A1K4 2F-AF — G02

+ E NOT MULT E1 — KT101AW4
+ E CYCLES — KD111AZ2
+ ARITH SIGN — KT111AX2
+ A REG BIT 0 PWR — KS101AA4
J10 — J07 — G08 — A OR T03AA 4685B6 B-A1K4 2G-AG — G02
G09 A T03TE 4685BG B-A1K4K 4G-BF — D02
D12 A T03AC 4685BH B-A1K4 5G-AV — B12 — B10

G03 A T03TE 4685B2 B-A1K4K 1H-AB

+ SHIFT INSTR — DN101PS4
+ T 2 — KC101AQ2
+ MOD 9 — RN111AS2
+ TEMP CARRY — KS101BB2
- A BIT 1 — RA111AU6
+ DIVIDE E1 — KT101AL4
+ DIV COUNT 16 — KU201AR4
B03 N S05AH 4685BJ B-A1K4 5J-AW — A T03AB 4685BM B-A1K4 6J-BB — B09 — B08 — R S61SB 4685BN B-A1K4 7K-BD — KT121 - SHIFT OP GATE T3 — BB4

D04 N S05AH 4685BB B-A1K4 1K-BH — J05 — B04 — A OR T03AB 4685B7 B-A1K4 2K-AH — B03 — DOT — 3K-AP
B09 N S05AH 4685BP B-A1K4 7K-BE — D06 — RB221 RB261 — + GT B10-B15 TO CCC — BE4 — WRB231 WRB241 WRB251 WRB271

+ I1 CYCLE — KD101AS2
+ T 3 — KC101AV2
- TAG 00 — RN101BG4 — J05 — D04 — A OR T03AA 4685B8 B-A1K4 2L-AJ — B03
+ IX CYCLE — KD101AU2 — D05
S03 R S61SB 4685BT B-A1K4 4L-BG
N S05AH 4685BQ B-A1K4 5L-AY — N S05AH 4685BS B-A1K4 6L-BC — B05 — KB101 — + SLC OP — BC4 — WKT311 WKU301

D04 R S61SB 4685BA B-A1K4 1M-BJ
J05 D10 — D11 — D04 — R T01TE 4685B9 B-A1K4 2R-AK
D09 A T03AB 4685BK B-A1K4 5M-AZ — B07 — KS101 — - GATE CCC TO A10-A15 — AZ4 — WRS111

- SHIFT RIGHT OP — DN101AE4
TEST POINT B03 — AB4
KG221 - SHIFT OP GATE — AP4
A T03AB 4685BE B-A1K4 4N-AS — B02 — KT121 - SLC BIT — AS4

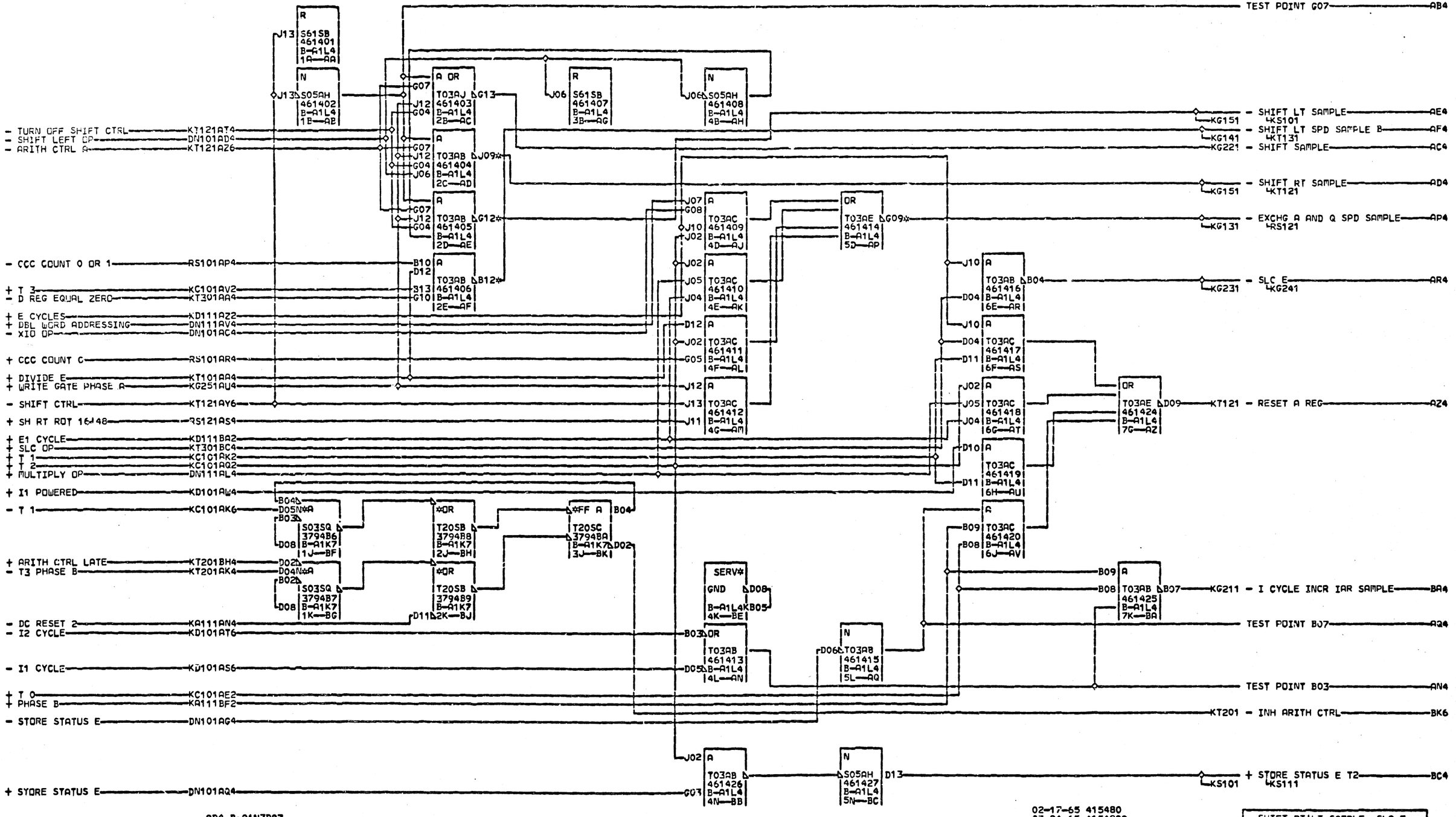
K T 3 0 1 000

AC4 B-A1N3D06
01B-B1A3D06
AN4 B-A1N4D12
01B-B1A4D12
AR4 B-A1N4B12
01B-B1A4B12
BE4 B-A1N3D10
01B-B1A3D10

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

A BIT 0 SHIFT RT ENTR SLC
SHIFT OP GATE SET DIV OFLO
DATE 03-09-67 MACH. 1131
LDG 047F FRAME 01
P.N. 2201048
IBM CORP. GPD BLK. BK

K T 3 0 1 000



AD4	B-A1N3D07
	01B-B1A3D07
AE4	B-A1N3B07
	01B-B1A3B07
AF*	B-A1N3B06
	01B-B1A3B06
AP4	B-A1N3B08
	01B-B1A3B08

02-17-65	415480
03-04-65	415480A
04-28-65	415480D
07-20-65	415481
08-26-65	415483
08-05-66	419616
10-14-66	419623

SHIFT RT/LT SAMPLE SLC E
RESET ACC I CYCLE IAR INCR

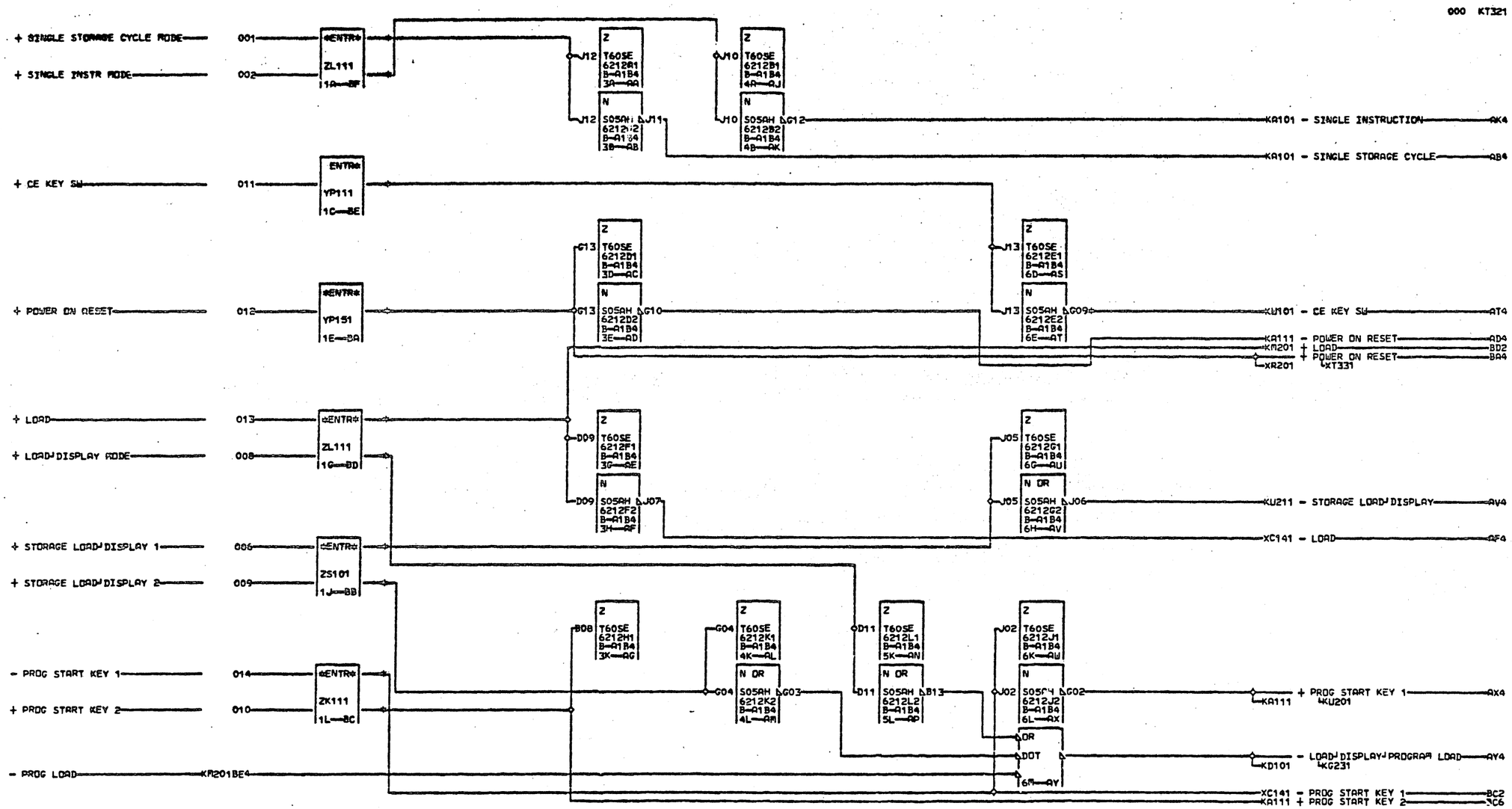
DATE 09-27-66 MACH* 1131

LOG 271M FRAME 01

P.N* 2201049

IBM CORP* GPD BLK* BL

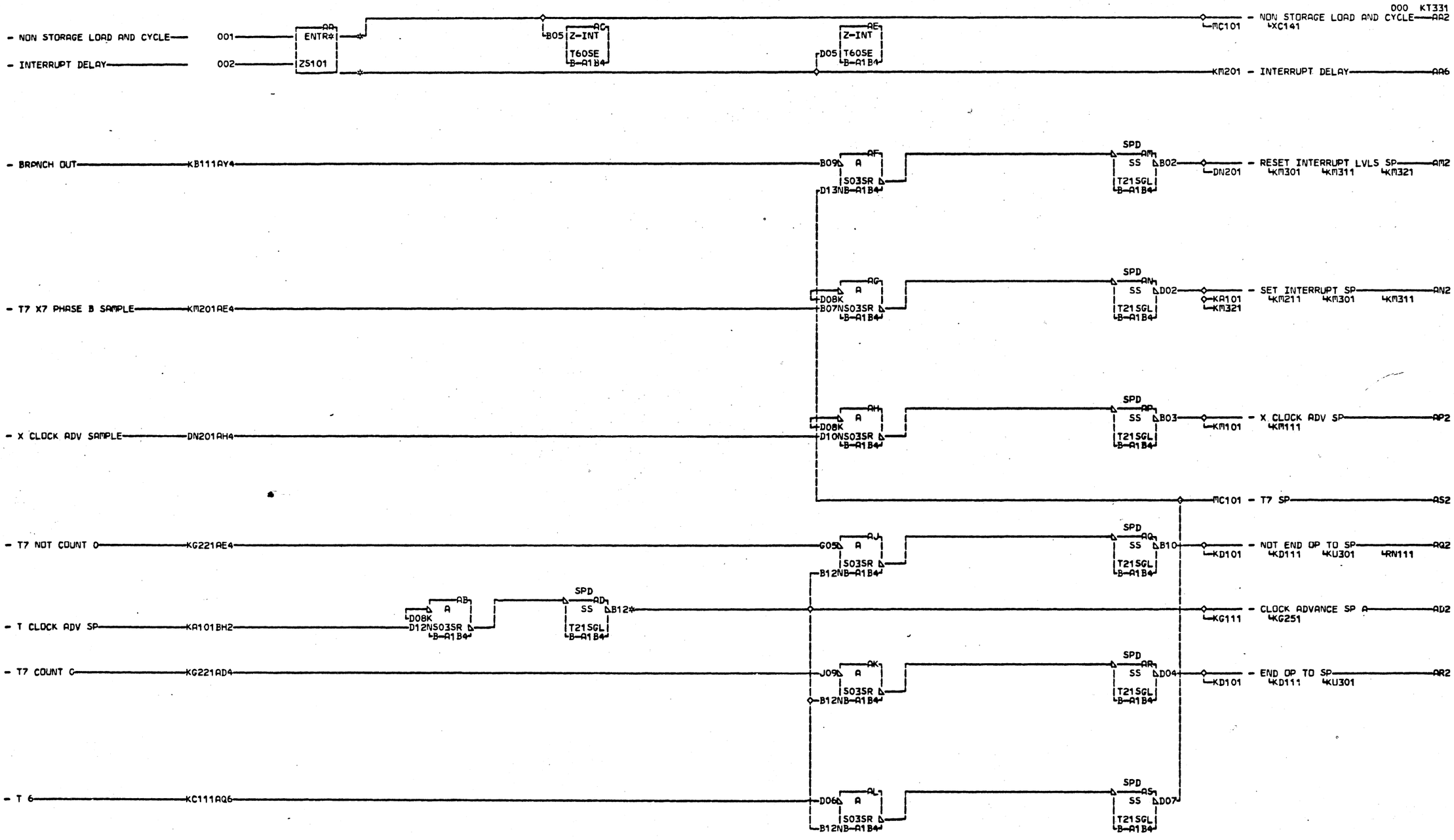
K T 3 1 1 000



K			
T	AT4 B—A1A7D10	01B—A1A7B04	BF6 B—A1A5D11
3	01A—C1N6D10	01A—C1N6B04	
2	BA4 B—A1A6D05	01A—C1A7B04	
1	01A—C1N4D05	01A—B1N7B04	
	01A—C1A7B09	BC6 B—A1A5D07	
000	01A—B1N7B09	BD2 B—A1A5B03	
	BB2 B—A1A5B04	BD6 B—A1A5B02	
	BB6 B—A1A5D05	BE4 B—A1A5B12	
	BC2 B—A1A5D06	BF2 B—A1A5D12	

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
12-28-65 415725

CONSOLE SIGNAL INTEGRATORS			
DATE	01-10-66 MACH. 1131		K T 3 2 1
LOG	004B FRAME	01	
	P.N. 2201295		000
IBM CORP.	GPD BLK.	BG	

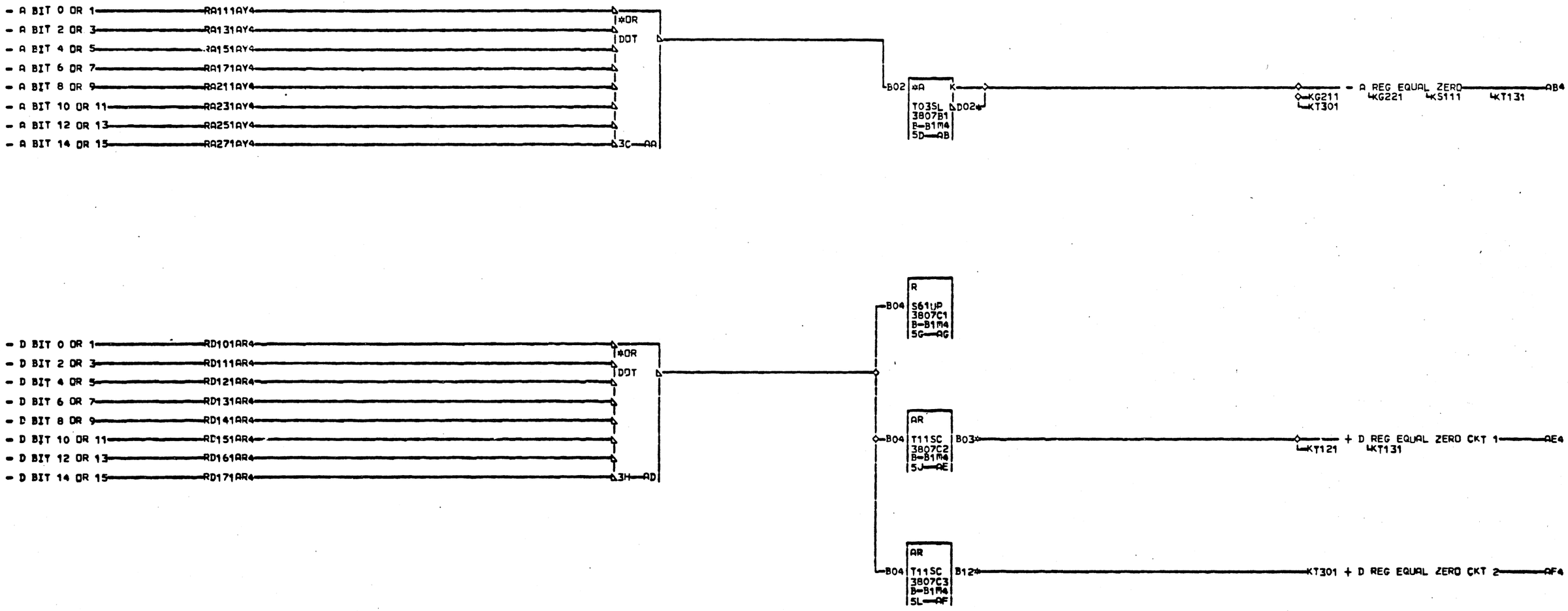


KT331
000

AA2 B-A1A5D05
AA6 B-A1A5B13
AD2 F-A1N3B03
01B-B1A3B03

LOC. TYPE
B-A1B4 6212

INT LVL SET / RESET SPD T7 SPD CLOCK ADV SPD END OP TO SPD		K
—E.C.—HISTORY—	MACH.1131	T
415480 415483		3
415480A 419616	FRAME 01	3
415480D 419623		1
415481	IBM CORP. GPD	
DATE LAST EC		000
07-12-68 419659	P.N. 2201052	



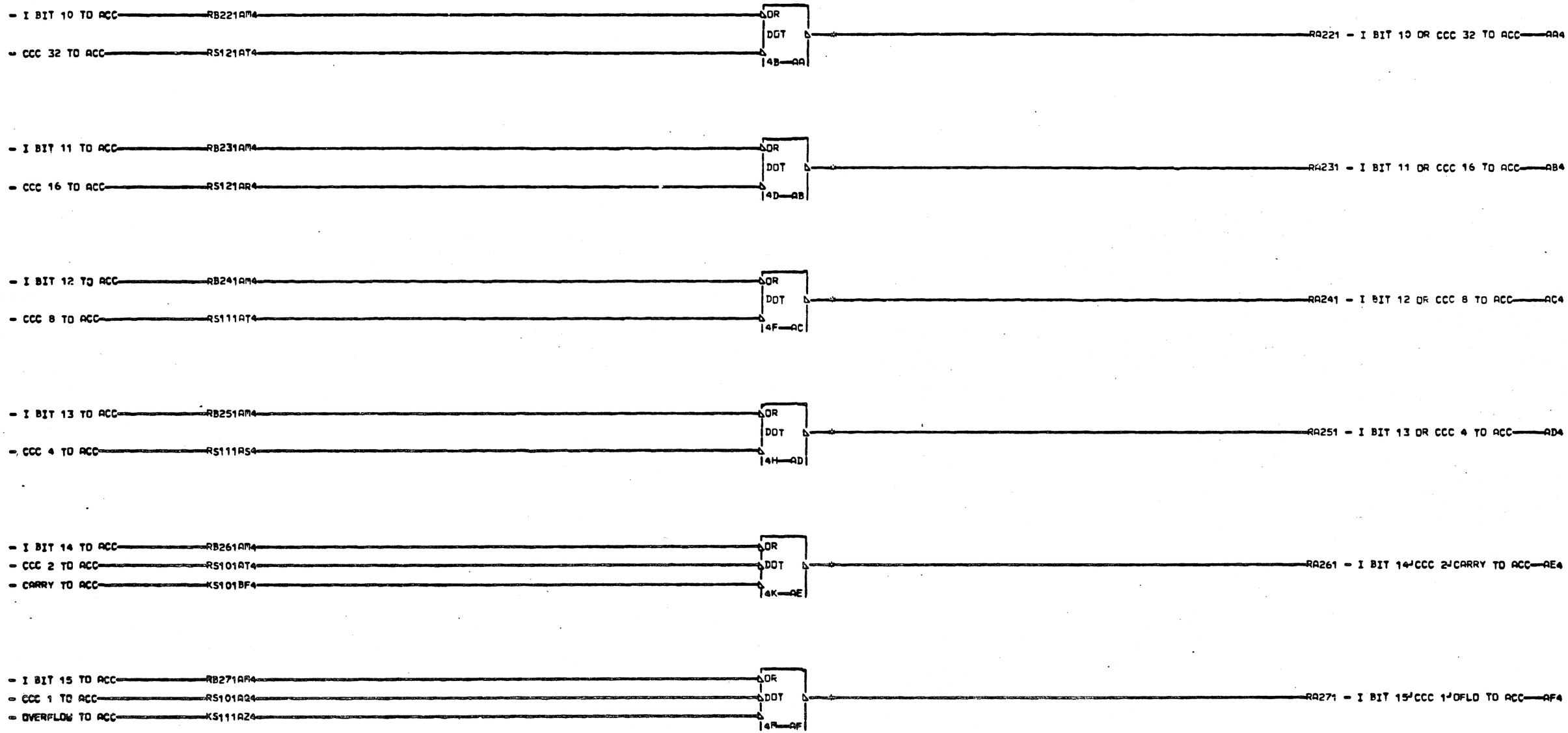
KU101
000

AB4 B-B1A4D04
01B-A1N4D04
AE4 B-B1A4B04
01B-A1N4BC4
AF4 B-B1F1A11
01B-A1F1A11

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

ACCUMULATOR-A REG EQUAL ZERO
ARITH FACTOR-D REG EQUAL ZERO
DATE 03-09-67 MACH. 1131
LOG 047F FRAME C1
P.N. 2201053
IBM CORP. GPD BLK. AH

KU101
000



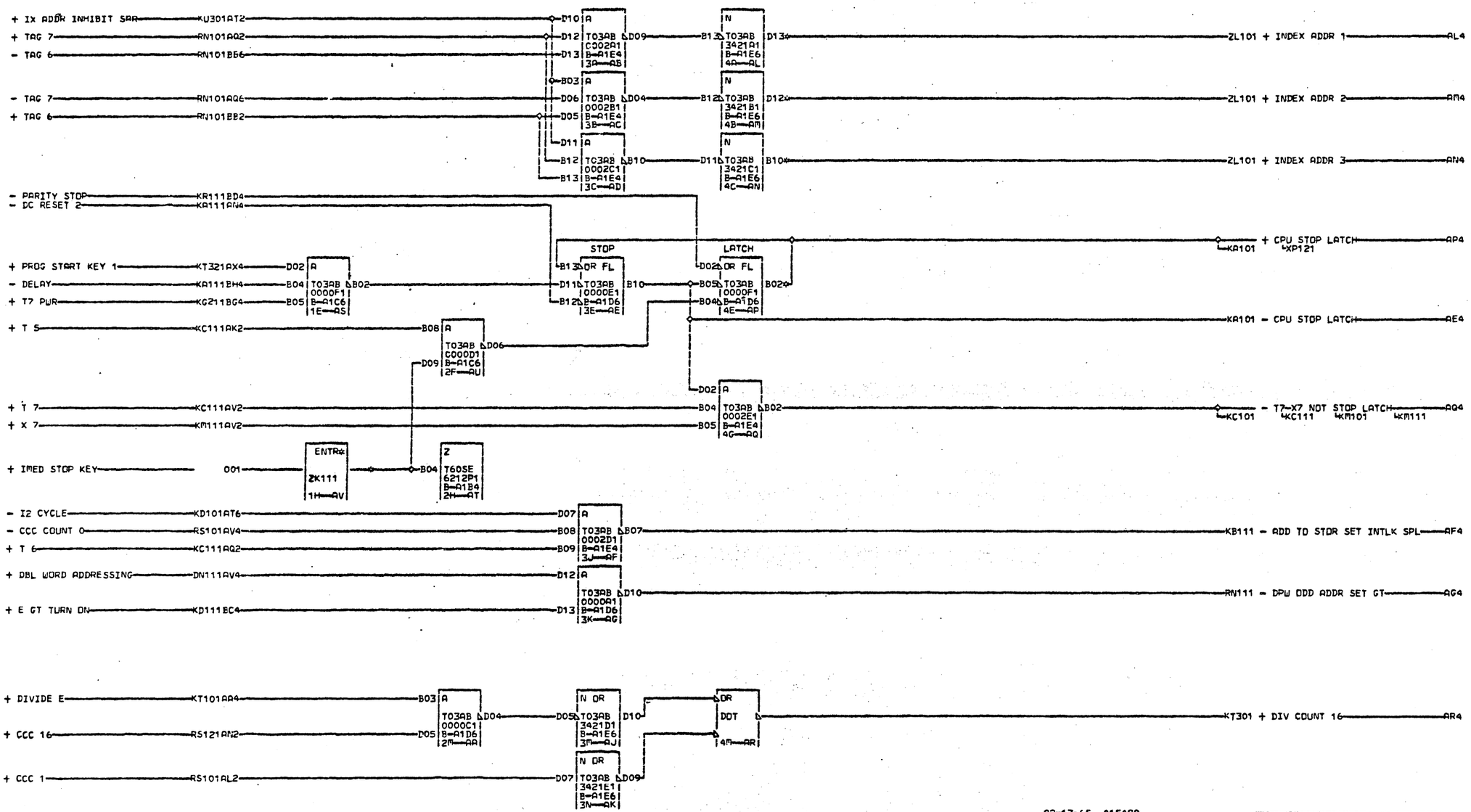
K U 1 1 000

AA4 B-A1N3B11 01B-B1A3B13
01B-B1A3B11 AF4 B-A1N3D13
AB4 B-A1N3D11 01B-B1A3D13
01B-B1A3D11
AC4 B-A1N3B12
01B-B1A3B12
AD4 B-A1N3D12
01B-B1A3D12
AE4 B-A1N3B13

02-17-65 415480
04-28-65 415480D
08-26-65 415483
02-24-67 419633

ACC INPUT BUSS - I BITS 10-15
CCC 32-1 CARRY OVERFLOW
DATE 03-09-67 ARCH. 1131
LOG 047F FRAME 01
P.N. 2201054
IBM CORP. GPD BLK. AG

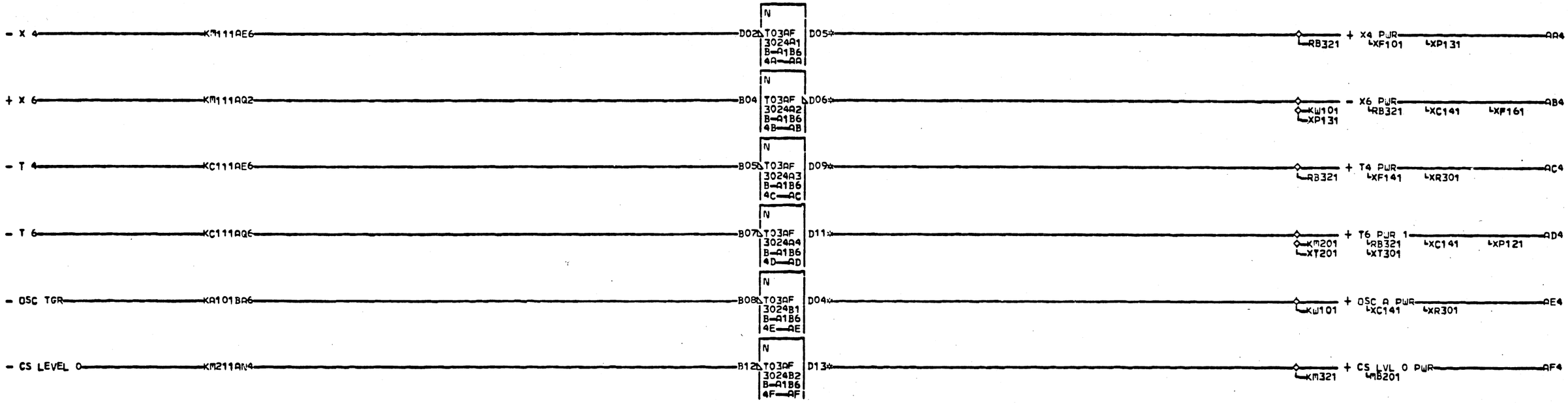
K U 1 1 000



AL4 B-A1A2B12 AV4 B-A1A5D09
AM4 B-A1A2B13
AN4 B-A1A2D13
AP4 B-A1A7D09
01A-C1N6D09
01A-C1A7D09
01A-B1N7D09
01A-B1A5D09
01A-A1N5D09

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483

INDEX ADDR 1-2-3 STOP LATCH
DIV COUNT 16
DATE 09-01-65 MACH. 1131
LOG 244N FRAME 01
P.N. 2201055
IBM CORP. GPD BLK. AW



AA4 B=A1A6D12	01A=B1N6D13	AD4 B=A1A6B12	01A=B1N6B11	
01A=C1N4D12	01A=A1N3D13	01A=C1N4B12	AF4 B=A1N7B10	
01A=C1A6D12	01A=A1M3D13	C1A=C1A6B12	01B=B1A7B10	
01A=B1N6D12	AC4 B=A1A6B13	01A=B1N6B12	AJ4 B=A1A2D12	
01A=A1N3D12	01A=C1N4B13	01A=A1N3B12		
01A=A1M3D12	01A=C1A6B13	01A=A1M3B12		
AB4 B=A1A6D13	01A=B1N6B13	AE4 B=A1A6D10		
01A=C1N4D13	01A=A1N3B13	01A=C1N4D10		
01A=C1A6D13	01A=A1M3B13	01A=C1A6B11		

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

T AND X CLK/OSC A/PROG LD PWR
WAIT NOT STOR LOAD/DISP
DATE 03-09-67 MACH. 1131
LOG 047F FRAME 01
P.N. 2201056
IBM CORP. GPD BLK. AQ

KU211 000

= NOT END OP TO SP — KT331AQ2
= IX GT TURN ON — KD101AB4

TEST POINT TJ13 — AK4

+ E GT TURN ON — KD111BC4
+ LDX OP — DN101BB4
= TAG 00 — RN101BG4
+ MDX — KG241AF4
= END OP TO SP — KT331AR2
+ SLC OP — KT301BC4
+ STX OP — DN101BC4
+ E1 CYCLE — KD111BA2
= CS LEVELS — KM211AU4
+ TAG 6 — RN101BB2
= DC RESET 1 — KA111AN2
+ TAG 7 — RN101AQ2
= DBL WORD ODD ADDR — RN111AT6
+ IX CYCLE — KD101AU2
+ T3 SAMPLE — KU311AW4

J07 A T03AC 620701 B-A1H2 2B-AA
G05
G04 A
G09 T03AC 620702 B-A1H2 2C-AB
G05
G08 A
G09 T03AC 620703 B-A1H2 2D-AC
G05
G09 A
G12 T03AC 620704 B-A1H2 2E-AD
G05
J07 A T03AC 620705 B-A1H2 2G-AE
B12
G09 A
G12 T03AC 620706 B-A1H2 2H-AF
J11
G09 A
J11 T03AB 620707 B-A1H2 2L-AG
G08
J07 A T03AB 620708 B-A1H2 2M-AH
B10
B12

OR T03AE 620709 B-A1H2 3D-AK
OR T03AE 620742 B-A1H2 3H-AX

G10 *A S03AJ 620711 B-A1H2 4C-AM
J10N
*A S03AJ 620712 B-A1H2 4L-AN
J10N
*A S03AJ 620713 B-A1H2 4E-AP
J10N
D08 *A S03AJ 620743 B-A1H2 4F-AY
J02N
G02 A T03AB 620710 B-A1H2 4H-AL

*OR T20SB 620715 B-A1H2 5C-AQ
*OR T20SB 620716 B-A1H2 5E-AR
J13

N S05AH 620717 B-A1H2 5L-AS
J05

IX INHIBIT SAR
FF G02
T20SC 620718 B-A1H2 6D-AT
J12*

G02 A OR T03AA 620719 B-A1H2 6H-AU
J09
G03
J04 — MB101 = IX ADDR SAR 14 — AU4

G02 A OR T03AA 620720 B-A1H2 6J-AV
J09
G07
J06 — MB101 = IX ADDR SAR 15 — AV4

J12 A OR T03AA 620721 B-A1H2 6K-AW
J09
J06 — MB101 = DPW ODD ADDR SAR 15 — AW4

DN111 = STX E1 NOT TAG 00 — AG4

+ IX ADDR INHIBIT SAR — AT2
KU201 LMB101
MB101 = IX ADDR INHIBIT SAR — AT6
TEST POINT TJ07 — AL4

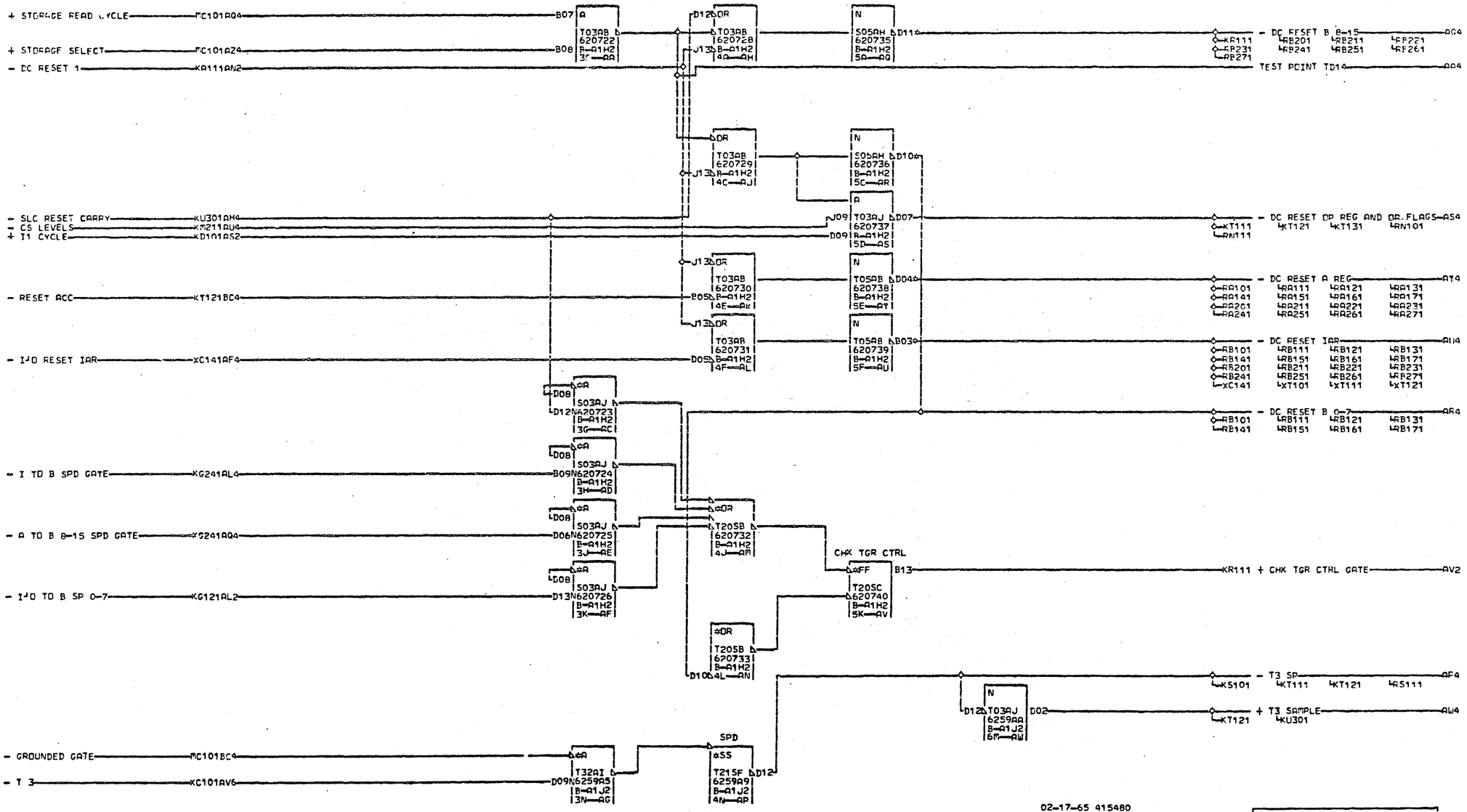
KS101 — = SLC RESET CARRY — AH4
KU311

AT2 B-A1F1E09
01B-B1F1E09
AT6 B-A1F1E11
01B-B1F1E11

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
02-24-67 419633

IX ADDR INHIBIT SAR STX E1 NOT TAG 00 SLC RESET CARRY
DATE 03-09-67 PAGE 1131
LOG 047F FRAME 01
P.N. 2201057
IBM CORP. GPD BLK. AZ

KU301 000

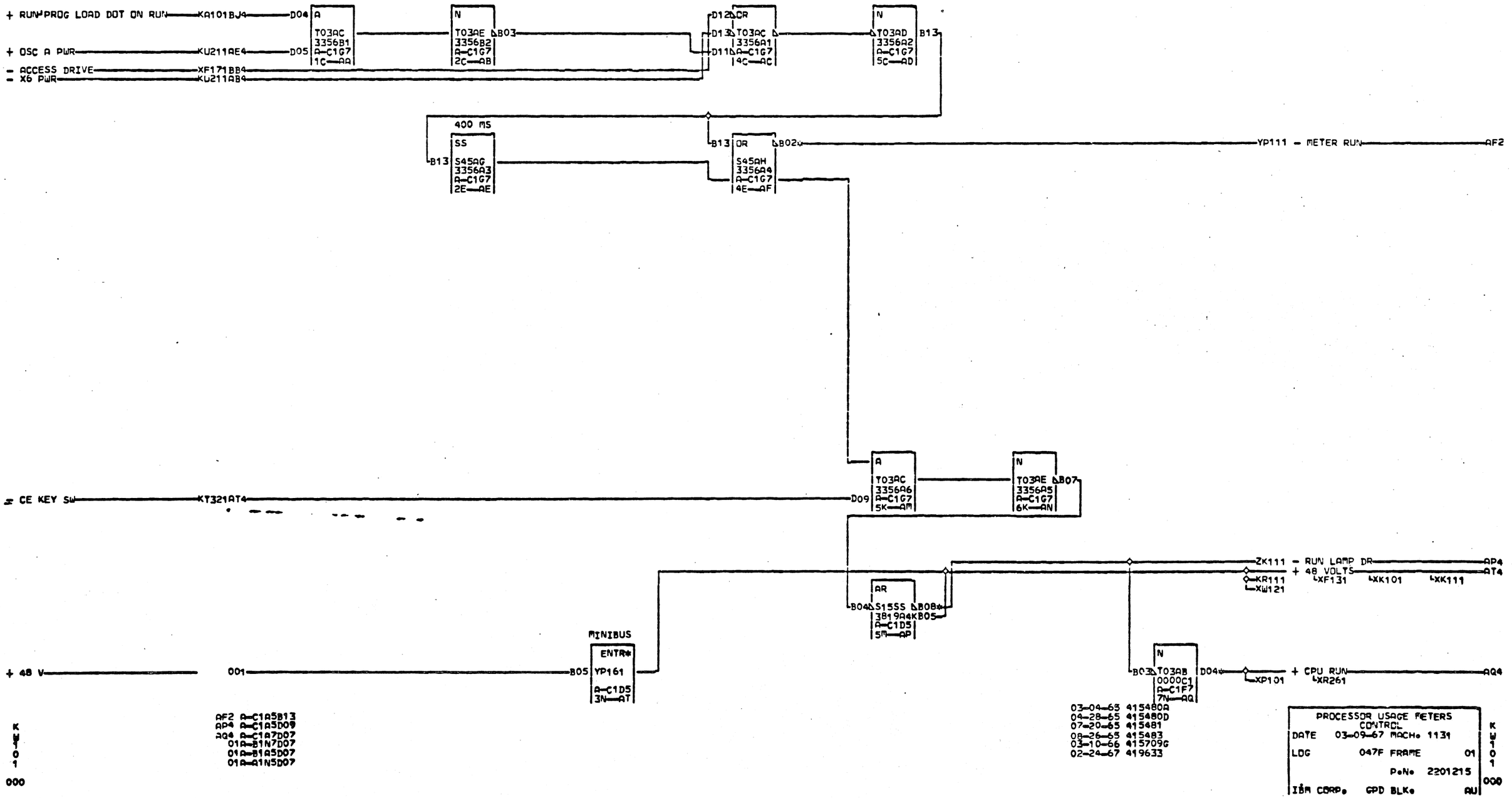


K U 3 1 1 000		
	AQ4 B=A1N2D12	01A=C1N6D04
	01B=B1A2D12	01A=C1A7D03
	AR4 B=A1N4D02	01A=B1N7D03
	01B=B1A4D02	
	AT4 B=A1N4B08	
	01B=B1A4B08	
	AU4 B=B1A2D13	
	01B=A1N2D13	
	01B=A1A7D04	

02-17-65 415480
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
05-09-66 419608
05-16-66 419609

REGISTER RESET
PARITY CHECK CONTROL GATE
DATE 05-09-66 MACH. 1131
LOG 126C FRAME 01
P.N. 2201058
IBM CORP. GPD BLK. AX

K U 3 1 1 000


+ RUN-PROG LOAD DOT ON RUN
KA101BJ4
D04
A
T03AC
3356B1
A-C1G7
1C-AA
N
T03AE
B03
3356B2
2C-AB
D12
CR
D13
T03AC
3356A1
D11
4C-AC
N
T03AD
B13
3356A2
5C-AD
+ OSC A PWR
KU211AE4
D05
- ACCESS DRIVE
XF171BB4
- X6 PWR
KU211AB4
400 MS
SS
B13
S45AG
3356A3
2E-AE
B13
OR
B02
S45AH
3356A4
4E-AF
YP111 - METER RUN
AF2
- = CE KEY SW
KT321AT4
D09
A
T03AC
3356A6
5K-AM
N
T03AE
B07
3356A5
6K-AN
ZK111 - RUN LAMP DR
AP4
+ 48 VOLTS
AT4
KR111
XW121
XF131
XK101
XK111
AR
B04
S15SS
B08
3819A4K
B05
A-C1D5
5M-AP
MINIBUS
+ 48 V
001
B05
ENTR
YP161
A-C1D5
3N-AT
N
B03
T03AB
D04
0000C1
A-C1F7
7N-AQ
XP101
+ CPU RUN
AQ4
XR261
AF2 A-C1A5B13
AP4 A-C1A5D09
AQ4 A-C1A7D07
01A-B1N7D07
01A-B1A5D07
01A-A1N5D07
03-04-65 415480A
04-28-65 415480D
07-20-65 415481
08-26-65 415483
03-10-66 415709G
02-24-67 419633
PROCESSOR USAGE METERS
CONTROL
DATE 03-09-67 MACH= 1131
LOG 047F FRAME 01
P.N= 2201215
IBM CORP. GPD BLK= AU
KW101
000