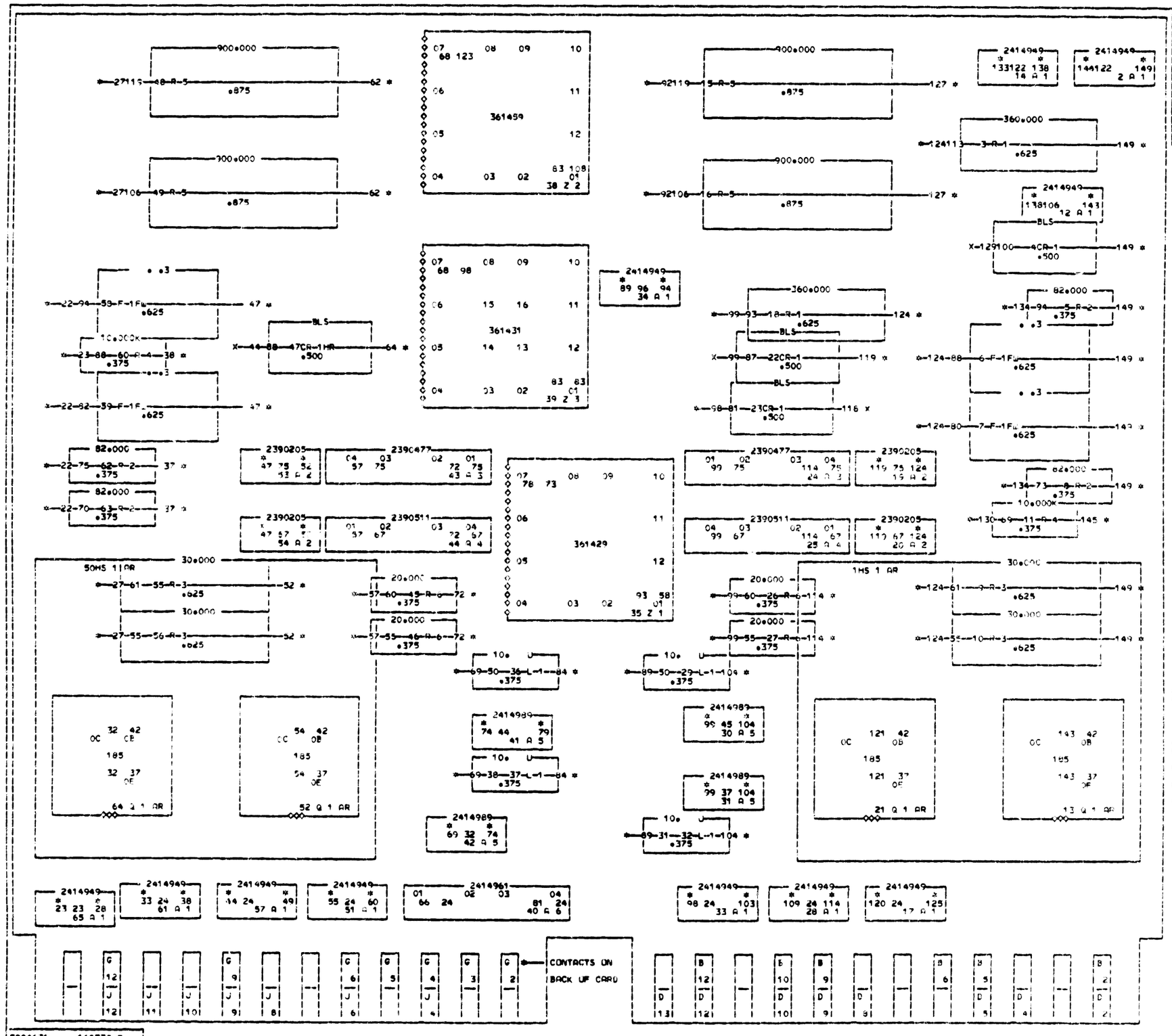

STANDARDS CODE	2-7045		SHEET 2 OF 3	5804631	
CIRCUIT APPROVAL	PHS	10-28-64	STATUS	ACTIVE	
LOCATION	POUGHKEEPSIE			RESTRICTED	
ARW CARD NUMBER	5817731	2	HOLE PATTERN	5817731	
FRONT ARTWORK	DATE	CHANGE NO.	DATE	CHANGE NO	
5817731	10-08-65	165601	C		
BACK ARTWORK	01-14-66	167329	D		
5817731	04-11-67	169738	E		

PIN	VOLT.	PIN	VOLT.
D08	GND	J08	GND
D04	6TC	J04	6TC
D10	+18	J10	+18
B02	+30	G02	+30
B06	- 3	G06	- 3

CODE	PART NO	VALUE			QTY
R 1	528937	360.000	.50	+ 5	2
R 2	550049	82.000	.25	+ 5	4
R 3	813230	30.000	1.00	+ 1	4
R 4	216468	10.000K	.25	+ 5	2
R 5	813211	900.000	3.00	+ 1	4
R 6	483052	20.000	.25	+ 5	4
CR 1	492496	BLS			4
Q 1	369693	185 NPN			4
L 1	813210	10. U			4
HS 1	813173	HEAT SINK			2
Z 1	361429	SLT MODULE			1
Z 2	361459	SLT MODULE			1
Z 3	361431	SLT MODULE			1
A 1	2414949	RC MODULE			11
A 2	2390205	RC MODULE			4
A 3	2390477	RC MODULE			2
A 4	2390511	RC MODULE			2
A 5	2414989	RC MODULE			4
A 6	2414961	RC MODULE			1
AR	813174				2
AR	438533				4
AR	483148				4
AR	814007				0
AR	814114				2
F 1	483170	.5			4
FP					4
FW	614003				09

NOTES.
AA-ALL CIRCUITS MUST CONFORM TO ENG.SPEC. SHOWN ON SHEET 1.
AB-ASSEMBLE TO ENGINEERING SPECIFICATION 890913
AR-ASSEMBLE TRANSISTORS 369693 r4-0-HEATSINK 813173 r2-0
INSULATOR 814114 r2-0CLAMP 813174 r2-0USING SCREW 438533
r4-0CERAMIC HEATSINK 483148 r4-0CNO SI PRESSE 814007 25 PER
REFERENCE DRAWING 816008.DO NOT SUBJECT TO ANY LIQUIDS.

AK-CARD HAS BEEN DECOUPLED 811800 IS NOT APPLICABLE.
AM-TECH LAB EVALUATION INCOMPLETE. PART SUBJECT TO [illegible]
ADDITIONAL USAGE TO BE AVOIDED
FH-DUE TO COMPONENT HEIGHT OF .370 TO .4600 THIS CARD MUST BE
REMOVED PRIOR TO REMOVAL OF CARD ADJACENT TO COMPONENT SIDE.
FW-FUSE LUGS PN 814003 TO BE INSERTED BEFORE LIQUID PROCESS.
FUSE TO BE HAND SOLDERED TO LUGS AFTER LIQUID PROCESS.
HG-COMPONENT INCOMPATIBLE WITH MANUFACTURING PROCESS

INTERNATIONAL BUSINESS MACHINES CORP.

NAME	CARD ASF SP-4 BIT DRIVER				
DESIGN	09-16-64	DRD	TYPE	SP-4	
DETAIL	09-16-64	DRD	SCALE	NONE	
CHECK	09-18-64	JHG	DRAWN	[illegible]	[illegible]
APPRO	10-28-64	PHS	L.C.M.	5804631F	RELEASED

5804631 169738 E