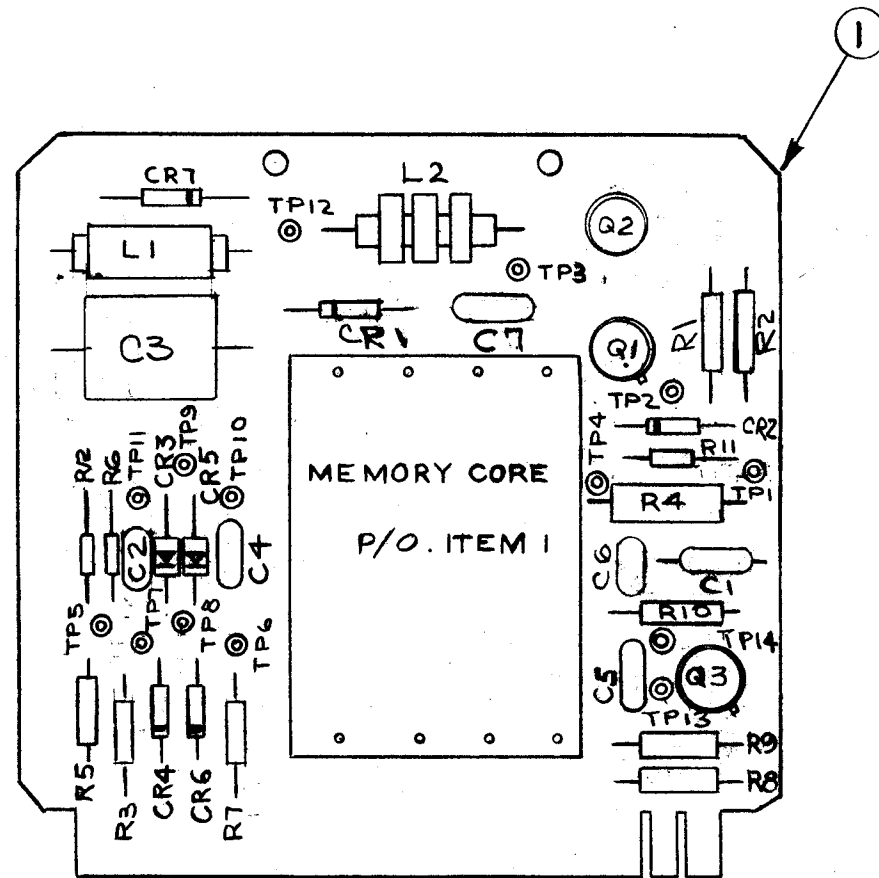


NOTE
 FOR ELECT. COMP. PART NUMBERS REFER TO
 NPL A 3639. USE SYMBOL NUMBERS FOR ASS'Y REF.



- OPERATIONAL REQUIREMENTS -

- VOLTAGE SUPPLIES = +12 ± .5 VOLTS W.R.T.G.
- 12 ± .5 VOLTS W.R.T.G.
- 40 ± 3 VOLTS W.R.T.G.
- TRIGGER "O" & "E" = +22.5 VOLTS MIN., DURATION ≥ 2 μ SEC.
- TRIGGER SET INPUT = -7 ± 1 VOLTS, DURATION = 5 ± 1 μ SEC.
- PRIME (PULSE) = 150 ± 10 MA, DURATION = 120 ± 10 μ SEC.
- SPEED ("O" TO "O") = 200 CPS MAX.
- TEMP. RANGE = 0°C TO +50°C.

* TRANSISTORS TO BE PURCHASED FROM T.M.C. APPROVED MANUFACTURERS ONLY.
 REF: CK898 FOR SCHEMATIC DIAGRAM

NOTES

5	RTMU-1	A3907
Q'TY./UNIT	MODEL USED ON	ASS'Y. NO.
SCALE	CODE	
— # —	A	
THE CONTENTS OF THIS DRAWING ARE THE EXCLUSIVE PROPERTY OF THE TECHNICAL MATERIEL CORP. ITS UNAUTHORIZED USE OR REPRODUCTION IN WHOLE OR IN PART IS STRICTLY FORBIDDEN.		

A3639 E

REVISIONS						
SYM	DESCRIPTION	DATE	E.M.N. NO.	DRAFT	CHKD	APPD
X	EXPERIMENTAL RELEASE	10-17-64		N.P.	J.M.	
X1	IT. 5 WAS CMIII-E-221-J-1-S, IT. 6 WAS CMIII-E-301-J-1-S IT. 20 WAS RC20GF103J, CR7 POSITION REVERSED	12-15-64	X1	JSB	J.M.	
X2	UPDATED SYM ON PICTORIAL	1-18-65	X2		J.M.	
Ø	ORIGINAL RELEASE FOR PRODUCTION	1-19-65	Ø			
A	IT. (1) P/N WAS PC182; IT. 10 WAS 4EX248; IT. 11 WAS 1002; IT. 19 WAS RC30GF390J; IT. 21 WAS RC20GF123J; IT. 22 WAS RC20GF561J; IT. 24, 25 & 26 ADD; IT. 3, SYM. C1 DELE.	3-19-65	13718	9L	JCB	J.P.
B	ITEM 14 WAS RC20GF390J; IT. 17 WAS RC07GF272J IT. 5 QTY WAS 3; REVISED PICTORIAL WITH CHANGES NOTE ADDED IT 10 DD123-3 WAS -1 IT. 2 WAS CL105-4	8-26-65	14127	JL	JCB	J.P.
C	IT. 26 DELETED, IT. 8 WAS 2N1309, IT. 1 WAS PC182	9/23/65	14872	D.V.V.	JCB	J.P.
D	TP13, TP14 RELOC, PICTORIAL CLARIFIED	11/9/65	15131	JL	JCB	J.P.
E	NOTE ADDED, DELETED IT. 2-22, 24, 25 FROM BUILDUP	6-27-68	18977	RE	JCB	J.P.

	26	DELETED		
1	25	SEE NOTE	CAPACITOR, FIXED, MTLZ P.	C1
1	24	SEE NOTE	CAPACITOR, FIXED, MTLZ P.	C7
X	23	BS100	SOLDER, TIN ALLOY	
1	22	SEE NOTE	RESISTOR, FIXED, COMP.	R1
1	21		RESISTOR, FIXED, COMP.	R2
2	20		RESISTOR, FIXED, COMP.	R3, R7
1	19		RESISTOR, FIXED, COMP.	R4
1	18		RESISTOR, FIXED, COMP.	R5
2	17		RESISTOR, FIXED, COMP.	R6, R12
1	16		RESISTOR, FIXED, COMP.	R8
1	15		RESISTOR, FIXED, COMP.	R9
1	14		RESISTOR, FIXED, COMP.	R10
1	13		RESISTOR, FIXED, COMP.	R11
3	12		SEMICONDUCTOR DEVICE, DIODE	
2	11		SEMICONDUCTOR DEVICE, DIODE	CR3, 5
2	10		SEMICONDUCTOR DEVICE, DIODE	CR4, 6
1	9		TRANSISTOR	Q1 *
1	8		TRANSISTOR	Q2 *
1	7		TRANSISTOR	Q3 *
2	6		CAPACITOR, FIXED, MICA	C2, C4
2	5		CAPACITOR, FIXED, MICA	
1	4		CAPACITOR, FIXED, METAL MYLAR	C3
1	3		COIL, RF, FIXED	L2
1	2	SEE NOTE	COIL, RF, FIXED	L1
1	1	PC182-2	PCBOARD & MAGNETICS	

F. EATON		LIST OF MATERIAL			
MATERIAL	— # —	THE TECHNICAL MATERIEL CORP. MAMARONECK, NEW YORK			
FINISH	— # —	TITLE ASSY, PRINTED CIRCUIT BOARD CORE MEMORY UNIT			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		DRAWN	DATE	FINAL APPROVAL	
		<i>N. Ketter</i>	10-17-64	<i>J.P.</i>	
		CHECKED	DATE		
		<i>@</i>	1-19-65		
		ELECT. DES.	DATE	A3639	
		<i>SD</i>	1-19-65	E	
		MECH. DES.	DATE	SHEET	
		<i>SP</i>	1/19/65	REV. LTR:	