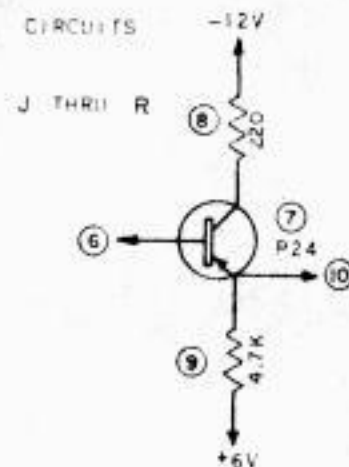
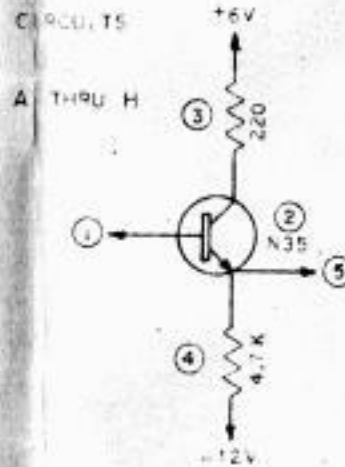
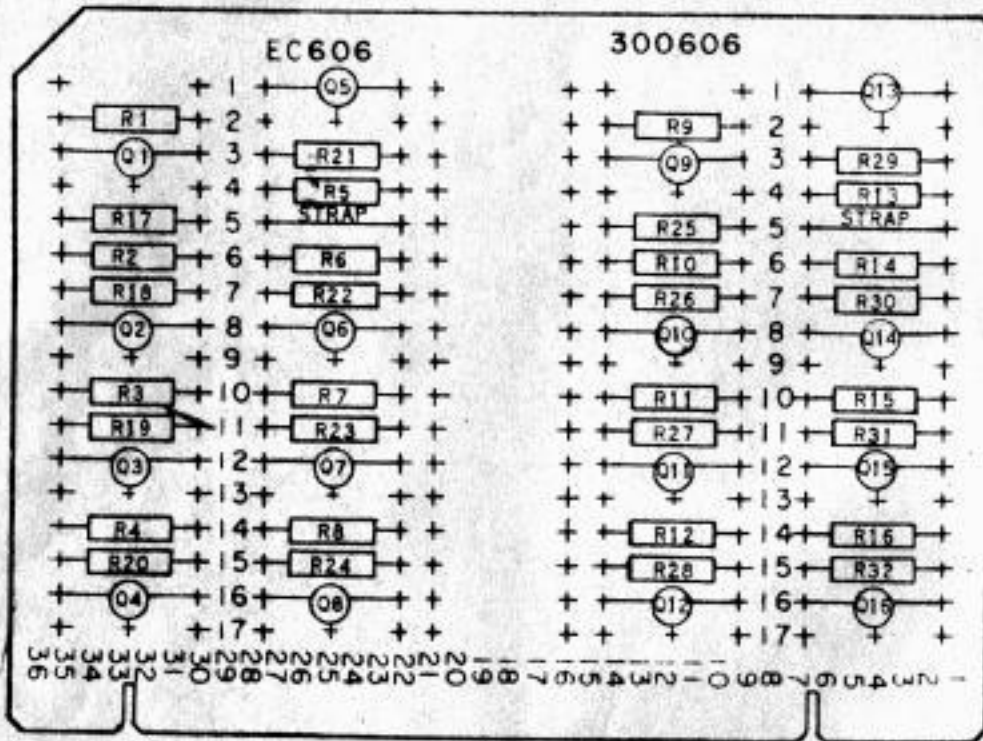


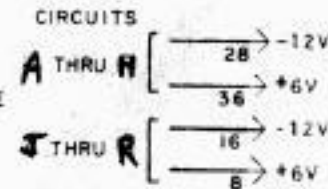
EC606

EMITTER FOLLOWER
8 NPN PLUS 8 PNP

CIRCUIT BOARD EC606



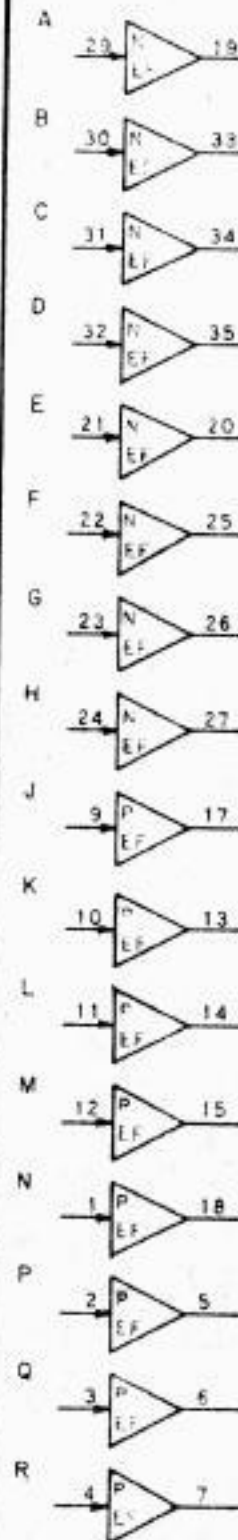
NOTE:
CIRCLED NUMBERS DESIGNATE COMPONENTS OR INPUT AND OUTPUT TERMINALS ON MULTIPLE CIRCUITS.



	①	②	③	④	⑤
A	29	Q1	R1	R17	19
B	30	Q2	R2	R18	33
C	31	Q3	R3	R19	34
D	32	Q4	R4	R20	35
E	21	Q5	R5	R21	20
F	22	Q6	R6	R22	25
G	23	Q7	R7	R23	26
H	24	Q8	R8	R24	27

	⑥	⑦	⑧	⑨	⑩
J	9	Q9	R9	R25	17
K	10	Q10	R10	R26	13
L	11	Q11	R11	R27	14
M	12	Q12	R12	R28	15
N	1	Q13	R13	R29	18
P	2	Q14	R14	R30	5
Q	3	Q15	R15	R31	6
R	4	Q16	R16	R32	7

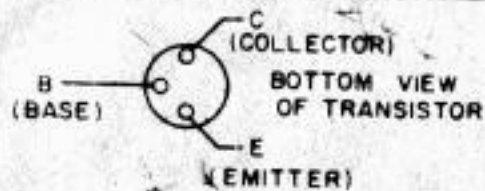
SYMBOL



REVISIONS		
ISSUE	DATE	AUTH NO

NOTE:
REFER TO 6050WD FOR BASIC MARKING INFORMATION

302704



THIS CARD CONTAINS EIGHT NPN AND EIGHT PNP MEDIUM POWER EMITTER FOLLOWERS USED TO PROVIDE CURRENT GAIN WITH NO INVERSION OR CHANGE IN THE INPUT SIGNAL LEVEL. WITH ZERO VOLTS APPLIED AT THE BASE, ZERO VOLTS APPEARS AT THE EMITTER. WITH -6V APPLIED AT THE BASE, -6V APPEARS AT THE EMITTER. THE NPN EMITTER FOLLOWER IS USED TO PROVIDE LOW OUTPUT IMPEDANCE (HIGH CURRENT GAIN) ON THE POSITIVE GOING VOLTAGE TRANSITION (-6 TO 0 VOLTS) AND THE PNP EMITTER FOLLOWER IS USED TO PROVIDE LOW OUTPUT IMPEDANCE (HIGH CURRENT GAIN) ON THE NEGATIVE GOING TRANSITION (0 TO -6 VOLTS).

R & D USE ONLY

REF DESIGN	TELETYPE PART NO	TOTAL QTY	NAME AND DESCRIPTION	LOCATING FUNCTION	REF DESIGN	TELETYPE PART NO	TOTAL QTY	NAME AND DESCRIPTION	LOCATING FUNCTION
R1	112724	16	RESISTOR, FIXED 220 OHMS	COLLECTOR LOAD	Q8			SAME AS Q1	EMITTER FOLLOWER
R2			SAME AS R1	"	Q9	193135	8	TRANSISTOR (PNP) P24	EMITTER FOLLOWER
R3			"	"	Q10			SAME AS Q9	"
R4			"	"	Q11			"	"
R5			"	"	Q12			"	"
R6			"	"	Q13			"	"
R7			"	"	Q14			"	"
R8			"	"	Q15			"	"
R9			"	"	Q16			"	"
R10			"	"					
R11			"	"	EC	302704	1	BOARD, ETCHED CIRCUIT	
R12			"	"					
R13			"	"					
R14			"	"		144495	16	PAD, TRANSISTOR	
R15			"	"			2	STRAP, 24 AWG BARE	
R16			"	"					
R17	118146	16	RESISTOR, FIXED 4700 OHMS	EMITTER LOAD					
R18			SAME AS R17	"					
R19			"	"					
R20			"	"					
R21			"	"					
R22			"	"					
R23			"	"					
R24			"	"					
R25			"	"					
R26			"	"					
R27			"	"					
R28			"	"					
R29			"	"					
R30			"	"					
R31			"	"					
R32			"	"					
Q1	193134	8	TRANSISTOR (NPN) N35	EMITTER FOLLOWER					
Q2			SAME AS Q1	"					
Q3			"	"					
Q4			"	"					
Q5			"	"					
Q6			"	"					
Q7			"	"					

R & D USE ONLY

APPROVALS
D AND R E OF M

E NUMBER 1125
 PROJ NO 302606
 DATE 10-25-63
 PG FILE MCG-A.353.219A
 DRAWN S.W. CHKD J.M.G.
 ENGD J.C.T. APPD P.K.

TELETYPE CORPORATION

John C. Tirrel