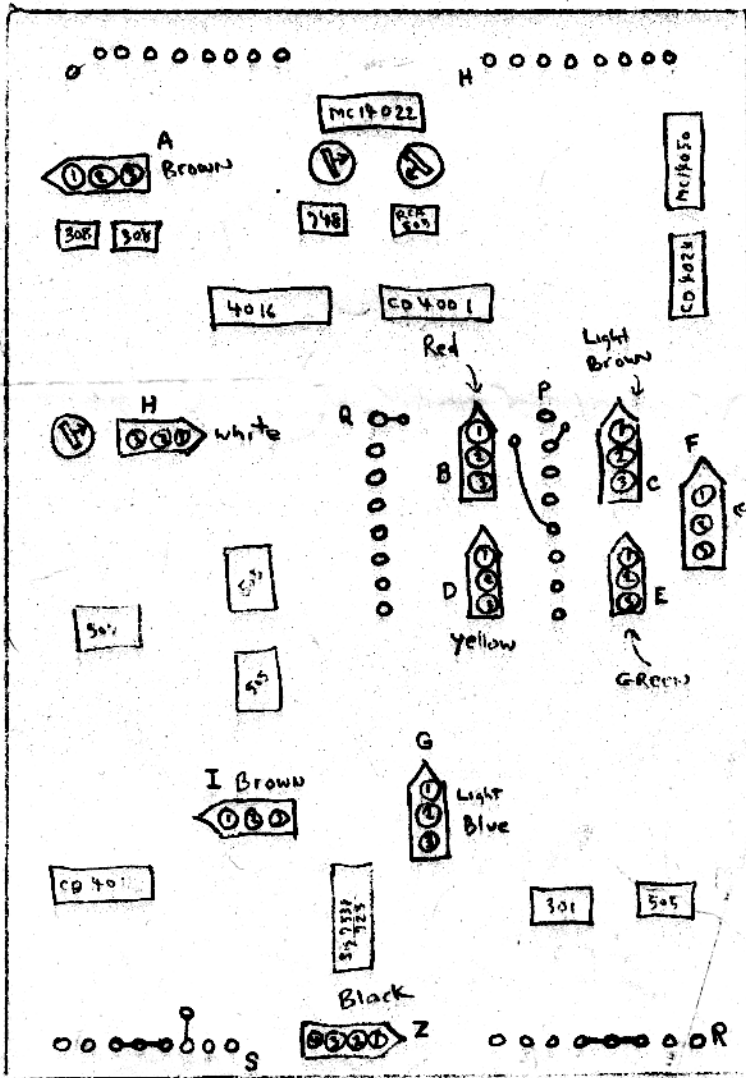


NOTES!  
 (UNLESS SPECIFIED OTHERWISE)  
 1 ALL RESISTORS ARE  $\frac{1}{4}$ W, 5%  
 2 ALL CAPACITORS IN  $\mu$ F  
 3 ALL NPN TRANSISTORS - 2N5172  
 4 ALL PNP TRANSISTORS - 2N3905  
 5 ALL DIODES - 1N4148  
 6 ALL FET'S - 2N4302  
 7 I.M. CHANGED BY 68001 EFFECTIVE JULY 1978

R1 - R80  
 Q1 - Q12  
 C1 - C15  
 T1 - T3  
 U1 - U6  
 P1 - P5

MS-1A



IN TWO VOICE

NOT USED	USED
A	C
H	B
I	D
	E
	F
	G
	Z

IN SEPARATE CASE

NOT USED	USED
B	A
D	H
E	F
H	C
	Z