

Component Placement Indications:
(Except for Pins and Terminals)

RESISTORS:

R1,R13,R14,R17,R18	1K
R2	10K
R3,R4,R15,R16,R19,R20	2K2
R5,R6,R21,R22,R23,R24	100R
R7,R8	220R
R9,R10	10R
R11,R12	22K
R25,R26,R27,R28,R29,R30	47R
VR1,VR2,VR3	500R Trimmer

CAPACITORS:

C1	100pF
C2	1uF
C3,C4,C11,C12,C15	100nF
C5,C6	2200uF
C7,C8,C13,C14	220uF
C9,C10	47pF

SEMICONDUCTORS:

Q1,Q3,Q5,Q7	BC556B(PNP)
Q2,Q4,Q6,Q8	BC546B(NPN)
Q9	BD140(PNP)
Q10	BD139(NPN)
Q11	2SK1058(N-Ch.)
Q12	2SJ162(P-Ch.)
D1,D2	1N4007
D3,D4	1N4148
D5,D6	LED