

Base IR Board

Capacitor

C1, C2, C3, C6, C9: 4.7 uf (Tantalum)
C4, C5: 22u (35v) (Tantalum)
C7: 0.1uf (ceramic)
C8: 68pf (mica)
C10: 1uf (Tantalum)
C11: 0.1uf (ceramic)
C12: 240pf (mica)
C13: 560pf (mica)
C14: 220uf (omitted)
C15: 100uf (electrolytic)
C16: .022uf (Ceramic)

Diodes/IR Led

CR1-8,10-17: TIL39
CR18,19,20,21: TIL100

Diodes

CR22,CR25,CR26: 1N914

Red Diode

CR9: Red Led

Inductors (axial choke)

L1: 22000uH
L2: 10000uH

Transistors

Q1: 2n4403
Q2: 2n4401
Q3: 2n4401
Q4: (used MJE180)
(motorola JE220 Rick's Board) (Original was MJE200G)

Resistors

R1: (original 110ohm 2w) Used 10ohm
R2: (original 110ohm 2w) Used 10ohm
R3: 3
R4: 3
R5: (original 110ohm 2w) Used 10ohm
R6: 150
R7: (original 110ohm 2w) Used 10ohm
R8: 20k
R9: 22m
R10: 360
R11: 2k
R12: 18k
R13: 10k

R14: 4.7k
R15: 4.7k
R16: 1k
R17: 6.2k
R18: 10k
R19: 100
R20: 4.7k
R21: 10k
R22: 1M
R23: 12K
R24: 100
R25: 1k
R26: 1.8k (But used a 2K)
R27: 39k
R28: 10k
R29: 100

P1 (Pins 1-10)

U1 (8pin) LM393 voltage comparator

U2 (16pin) CA3096

U3 (16pin) CA3280

VR1: 78L05 Voltage Regulator