

CHU-FAR Model F-10 Power Supply

GENERAL INFORMATION

This is an 11 amp power supply. The case is painted dark blue and has a screw terminal strip similar to a Peter Chou supply. The Chu-Far model number is located above choke "L1". Later versions do not have any "Chu-Far" markings and instead has "U-San" silkscreened below the main filter capacitors C4 and C5. The Chu-Far power supply was made in 1985 and evolved into the Peter Chou power supply in 1986.

CAPKIT INFORMATION

C4, C5 100 uf @ 200 volts (main filters)
C6 470 uf @ 25 volts
C7 100 uf @ 25 volts
C8 4.7 uf @ 50 volts
C9 100 uf @ 25 volts
C15, C16 1000 uf @ 16 volts
C17, C19 3300 uf @ 16 volts

DIODES

FD1 Dual Schottky Barrier
D8, D9 Type FR302 through FR307 fast recovery diode
D10, D11 Not Installed
D12, D13 Type 1N4937 or FR105 Fast recovery diode

TRANSISTORS

Q1, Q2 Type 2SC3039 (main switching transistors)

RESISTORS

R2, R3 100 k Ω ½ watt
R26 100 Ω 2 watt metal oxide (+12 volt load)
R27 100 Ω 2 watt metal oxide (-5 volt load) This resistor is located directly below the +5 volt adjustment pot.
R28 Not Installed (would have been for -12 volt if so equipped)
R29 50 Ω 2 watt metal oxide (+5 volt load)

CHOKE INDUCTOR COILS

L1 +12 volt choke (Jameco # 371899 or J.W. Miller # 2116-V)
L3 -5 volt choke (Jameco # 371979 or J.W. Miller # 2124-V)
L4 +5 volt choke (Jameco # 371741 or J.W. Miller # 2101-V)

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