

Redesigned Modem and Amplifier Pinout

Modulator:

Reference for all PCBs: With Pin block facing top, Left to right = 1 to 16

Extra reference: Left to right = 17 to 32 for flipped, reference from 1 to 16 = LC at top left

Mod with LC:

1,2,3,4=GND(0V)

7,8=Vin (1) (message)

10,11= Vin (2) (carrier)

13,14,15,16= Vout (mod)

Mod without LC:

17,18,19,20= Vout (mod)

21,22= Vin (1) (message)

26,27= Vin (2) (carrier)

Demodulator:

Reference for all PCBs: With Pin block facing bottom, Left to right = 1 to 16

7,8= Vin (modulated)

10,11= Vout (from 1-LPF)

14,15,16= Vout (from 2-LPF)

1,2,3,4=GND (0V)

Amplifier: (Non Inverting, 1x-10x gain):

Reference for all PCBs: With Pin block facing top, Left to right = 1 to 16

7=V- (-15V)

8=Vin (any)

12=V+ (+15V)

14,15,16=GND (0V)

1,2,3,4=Vout (amped)
