



Aleph 30 – Initial Trimpot settings equal to original Aleph 30 circuit
 P1 Initial Setting = 242R P1 @ 242R + R14 @ 150R = 392R
 P2 Initial Setting = 428R P2 @ 428R + R21 @ 392R = 820R
 P3 Initial Setting = 17k5 P3 @ 17k5 + R19 @ 30k = 47k5

All resistors 1/4W unless specified otherwise.
 3W Resistors – Panasonic ERX series or similar.
 For all implementations, Q6 & Q10 MOSFETs must be populated.
 For A30 clone, populate 3 of 4 sets of Current Source and Output MOSFETs.
 Q6–9 and Q10–13 must be matched.
 PCB dimensions are sized for DIYAudio.com Universal Mounting Spec (UMS) heatsinks.

SE Only Jumper: jumper pins 1&2 together for SE only operation.
 For XLR operation, no jumper required.
 Jumper can be stored on Pins 2&3 when not in use.
 Alternately, install jumper in XLR Pins 1&3 for SE operation.

J1 – AC Gain Jumper.
 Remove jumper for measuring initial current according to AC Gain test procedure.

Expansion to Aleph 5, 60, 2, etc.
 Use additional boards with MOSFETs, source, and gate resistors.

Thank you to Nelson Pass for his generous and ongoing support to the DIY community!

Randy Thatcher

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