

DUAL TDA1541 BOARD FOR USE WITH IAN CANADA'S I2S-PCM ADAPTOR.

For the dem caps, I used Nichicon UKL series very low leakage caps which take about 10secs to charge up.

The jumper is fitted on the left for simultaneous mode, or to the right for Two's complement (I2S) enabling one dac only to be used. In this case, feed the data to pin 3 and leave pin 4 unconnected.

Pin 16 of both dacs are linked and I preferred this.

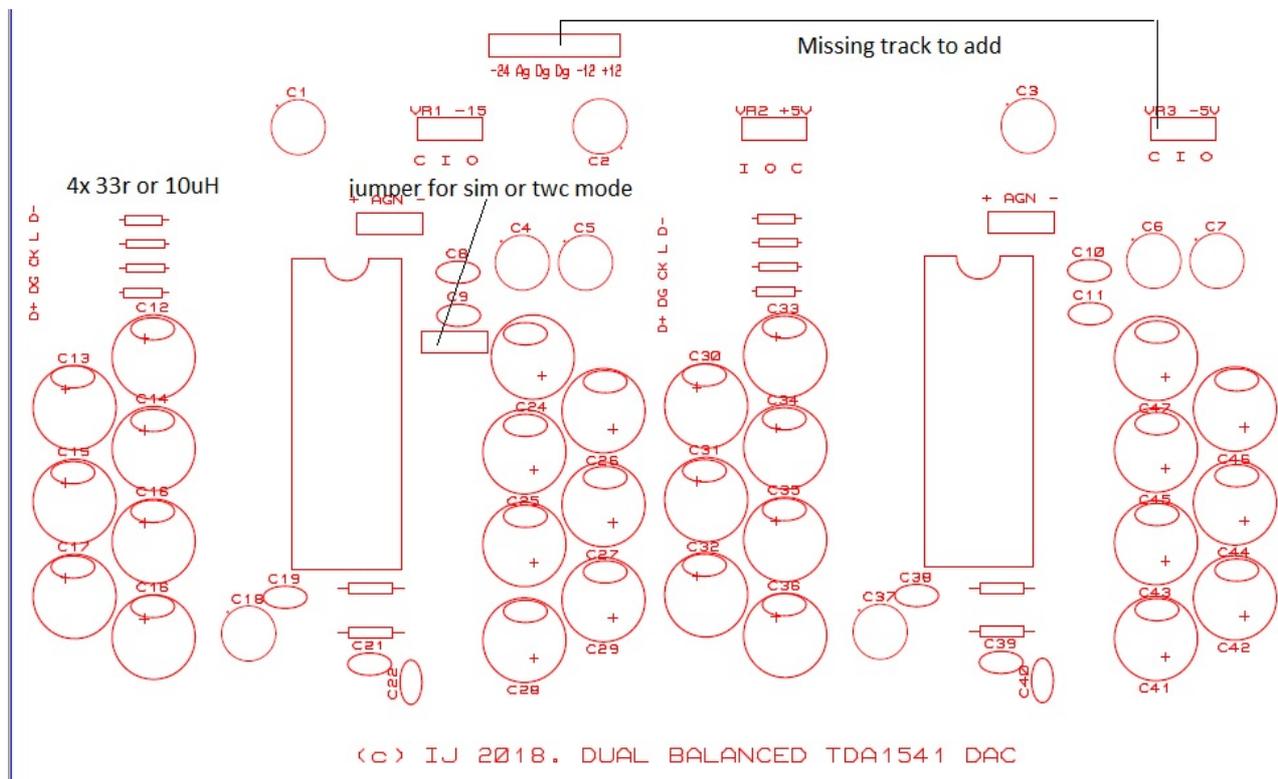
The resistors on pin 17 - closest to the dac were 9.1k and the other two, 18k (they're in parallel) which gave about 50Hz dem clock.

C21 & 39 are 1uf film caps.

There is no I/V on board.

You can use an off board supply for the 5+, -5v & -15v supplies or fit low noise regulators of your choice on the board. There isn't much room for heatsinks so I used +/- 8v and -18v from a pre regulated triple supply.

Oscons & 0.1uf ceramics were used for the power rail decoupling.



DISCLAIMER. This was designed and produced for my own use and not as a commercial product. I make no claims as to suitability, performance or CE/FCC regulation compliance.

It is not offered with any guarantee or warranty and there is no refund option.