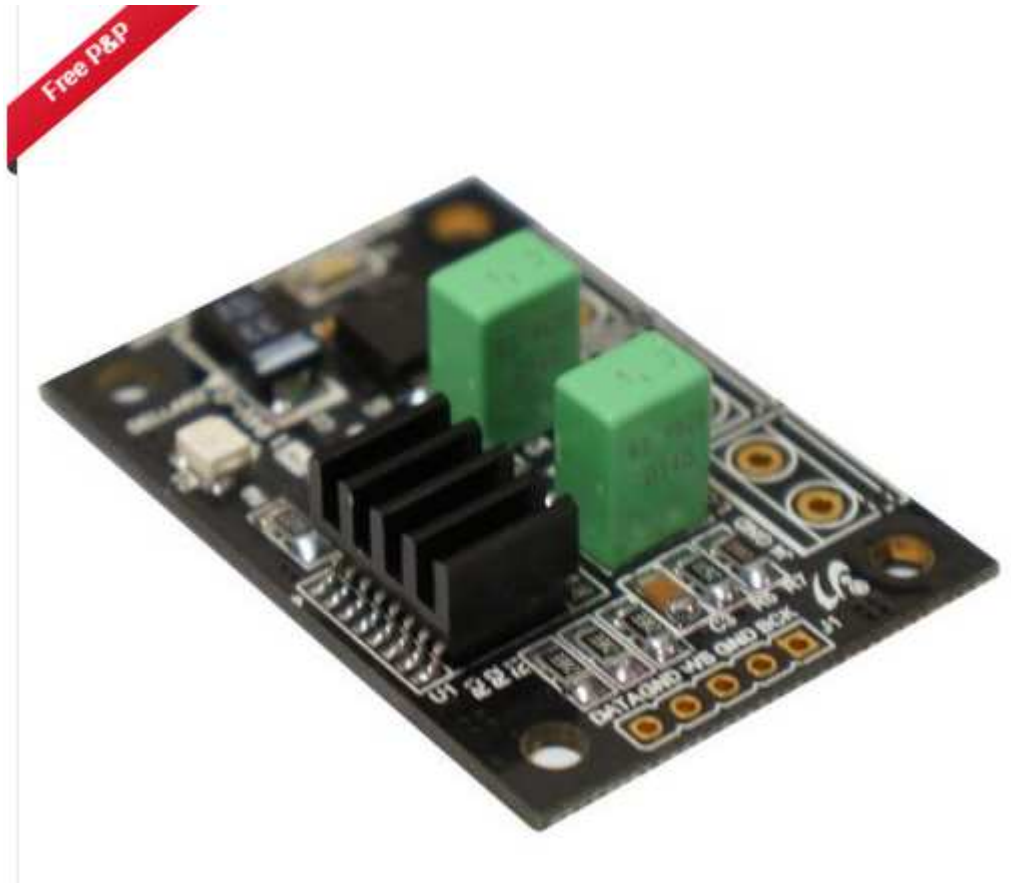


## DAC-NOS1 TDA1543T I2S



DAC-NOS1 : Non Over-Sampling DAC, TDA1543T, I2S Input

### Natural and Warm Sound

#### <General Properties>

- TDA1543T DAC(Inc. Heatsink)
- 0.1% Low Noise Thin Film Resistors
- High Quality Film Capacitor for Output
- Low ESR Tantalum Capacitor for Regulator
- 8V Regulator
- Gold Plated PCB
- Size: 46 x 31(W x D:mm)

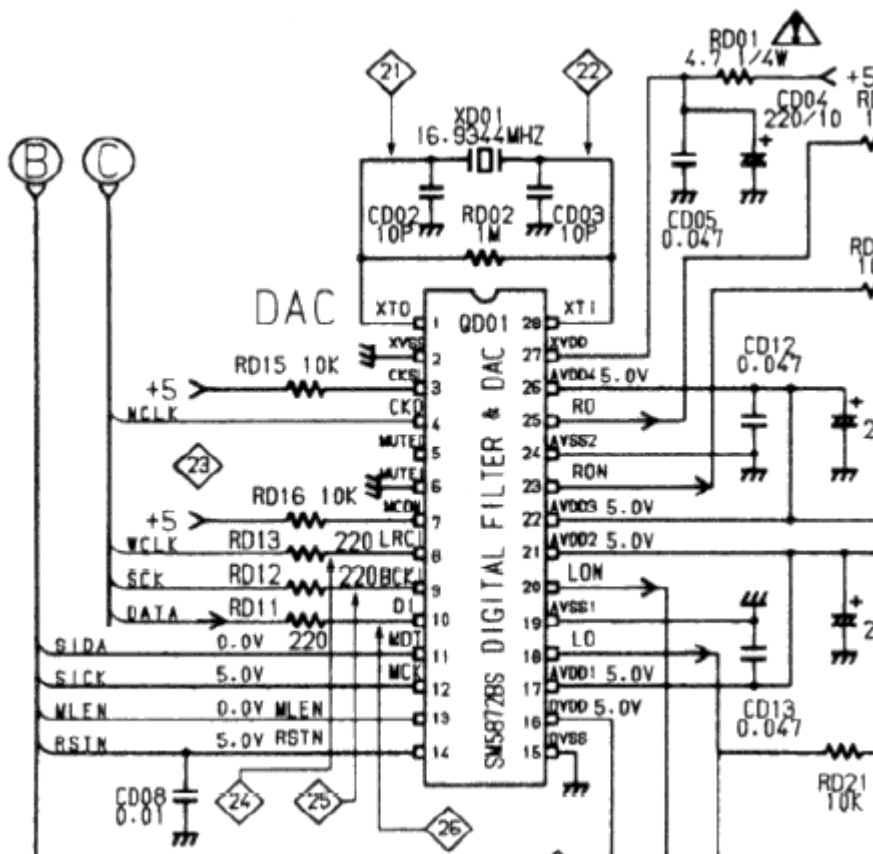
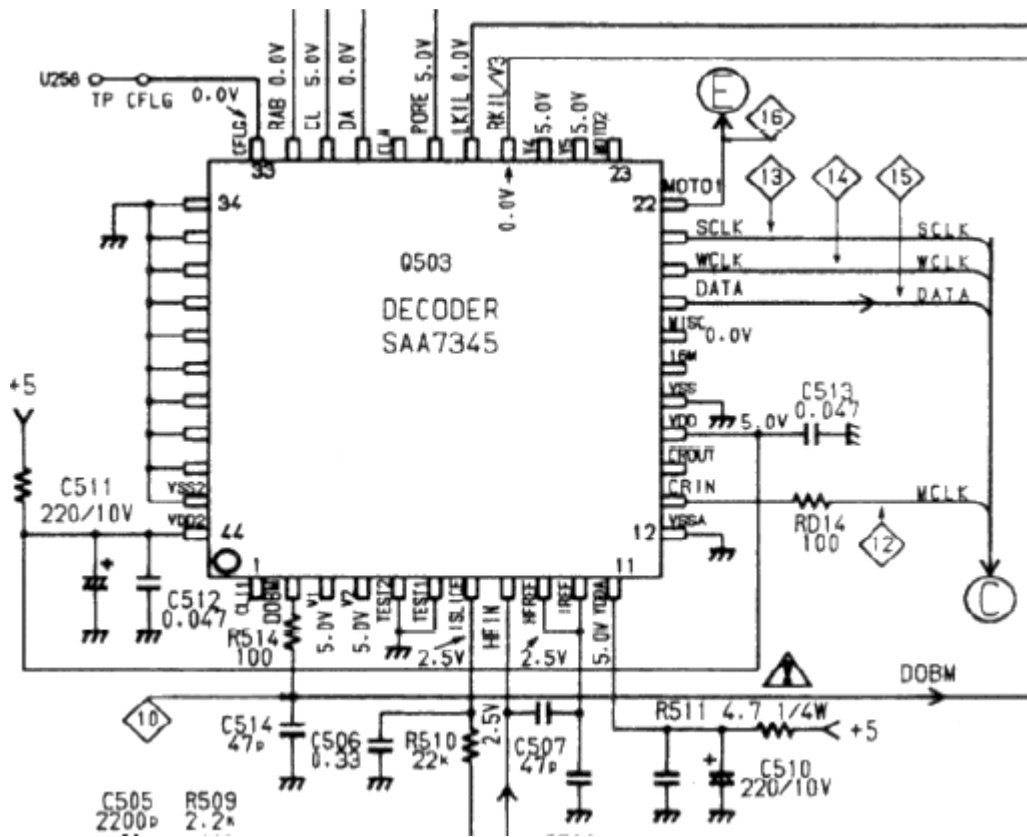
#### <Specificatron>

- . I2S Input(DATA, WS, BCK, GND)
- . Output Voltage Swing : 2.0V RMS
- . THD + NOISE : 0.018%
- . Resolution/Frequency : 16bit/44.1KHz ~ 192KHz
- . Supply : Regulated or Unregulated DC 11~20V/60mA

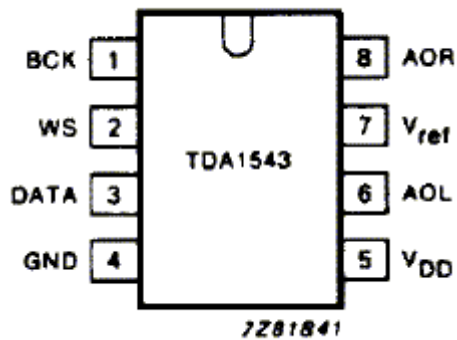
# Marantz cd-63 TDA1543 NOS mod

Alljärgnev tekst ja pildid on tsiteeritud lingilt:

<https://diyparadise.com/w/a-non-oversampling-dac-for-rm20/>

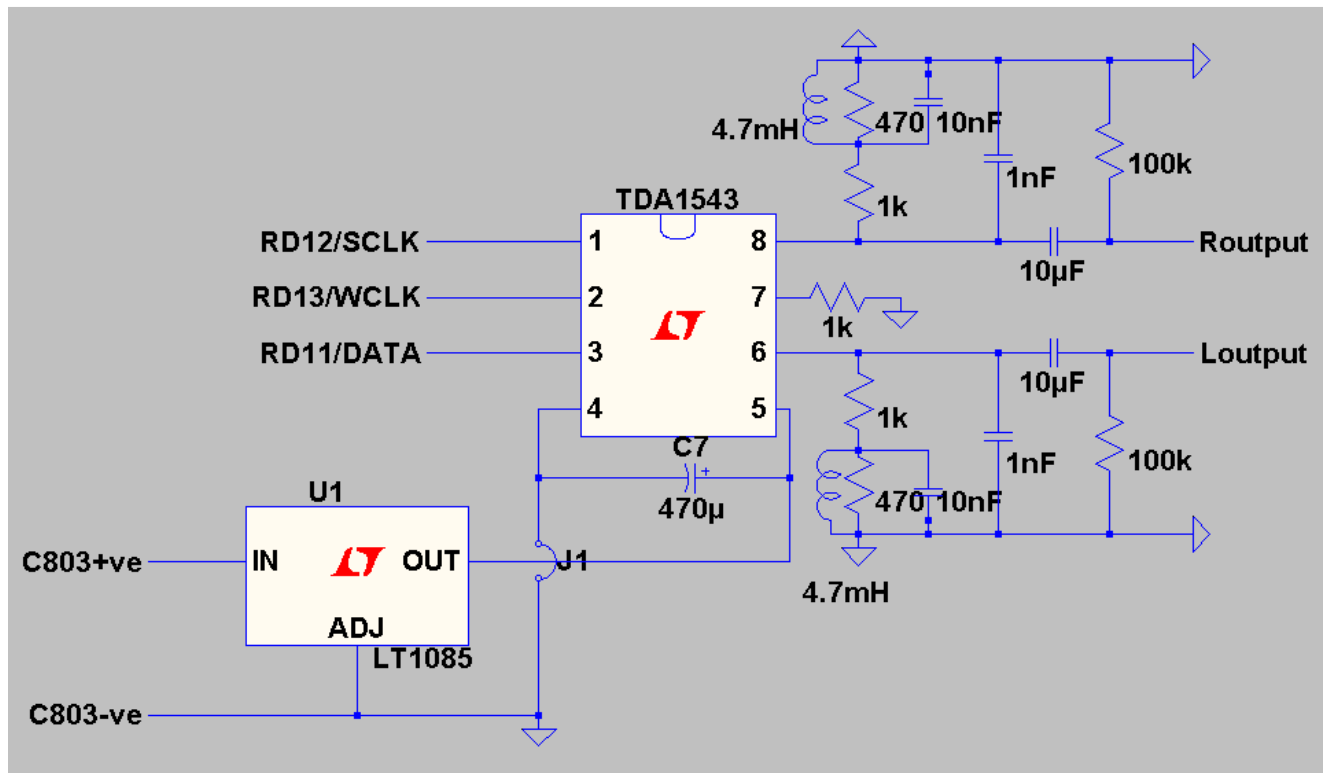


Here is pinout of TDA1543.



What you need to do is wire SCLK to BCLK, WCLK to WS and DATA to DATA pin. Yup, just 3 wires. Easy huh?

I tapped the supply from capacitor C803. It's about 20V here.



First wire the power supply first. Bring 2 wires out from +ve and -ve terminals of C803. While you have the player PCB out, desolder one end of the resistors RD11-13. Desolder the end nearer to the SAA7345. Reason for desoldering it is to lift out the leads slightly higher. Then solder it back. Without interrupting its present function, we now can solder wires on the "lifted resistor lead".

As the 3 I2S pins from the SAA7345 are only capable of 1mA current each, so it's sensible to keep this wire as short as possible (mine is about 5cm from the resistors). Tin the "lifted" resistor ends of RD11-13 with some solder first. Then solder the 3 wires from TDA1543 to these ends