

Bill Of Materials

Qty	Reference(s)	Value
3	C1, C2, C3	C*
2	C4, C5	10uF 25V electrolytic
4	C6, C7, C8, C9	100nF ceramic
5	D1, D2, D3, D4, D5	1N4148
3	Q1, Q2, Q3	2N3904
4	R1, R2, R3, R8	1k
7	R5, R6, R7, R9, R11, R12	10k
1	R4, R10	47k
3	R13, R14, R15	100k
3	RV1, RV2, RV3	5k LIN
1	RV4	100k LIN
1	U1	TL084
1	J1	IDC 16 Socket
1	J2	Audio Jack

*You can choose the values of these capacitors as you prefer, I recommend C1=10uF, C2=2.2uF and C3=4.7uF.

These capacitors can be either ceramic or electrolytic.

Potentiometers can be found here: <https://www.thonk.co.uk/shop/alpha-9mm-pots-dshaft/>

Audio jack can be found here: <https://www.thonk.co.uk/shop/3-5mm-jacks/> (Thonkiconn-PJ398SM)

Notice!

In version TS-203-01A all transistors must be reverse-mounted, with flat notch facing the opposite direction of silk screen.

