

Discrete Operational Amplifier Test Jig PCB - BOM

Revision 1.0, Date Nov. 3rd 2015

Revision 1.1, Date Jan. 8th 2017

#	Qty.	Part	Manufacturer	Part Number	Value	Reichelt Order Code	Mouser Order Code	Details	Comments
1	2	CBP1, CBP2	Panasonic	EEUFC1V471B	470 μ F	RAD FC 470/35	667-EEU-FC1V471B	Electrolytic Capacitor, 25 V	Use Low ESR type
2	4	CBP3, CBP4, CBP5, CBP6	Murata	DIV	100 nF	X7R-2,5 100N	81-RDER71H104K0S1C03	MLCC, 50 V, X7R	
3	2	RF1, RF2	Yageo	DIV	10 Ohm	METALL 10,0	603-MFR-25FBF52-10R	1/4 W, 100 V, 1 % Metal Film	
4	1	RL1	Yageo	DIV	600 Ohm	METALL 604	603-MFR-25FBF52-604R	1/4 W, 100 V, 1 % Metal Film	Should be 600 Ohm
5	1	R7	Yageo	DIV	1 kOhm	METALL 1,00K	603-MFR-25FBF52-1K	1/4 W, 100 V, 1 % Metal Film	
6	6	R1, R2, R3, R5, R6, RL2	Yageo	DIV	10 kOhm	METALL 10,0K	603-MFR-25FBF52-10K	1/4 W, 100 V, 1 % Metal Film	
7	1	R4	Yageo	DIV	91 kOhm	METALL 91,0K	603-MFR-25FBF52-91K	1/4 W, 100 V, 1 % Metal Film	
8	1	R8	Yageo	DIV	1 Mohm	METALL 1,00M	603-MFR-25FBF52-1M	1/4 W, 100 V, 1 % Metal Film	
9	1	RIN	Yageo	DIV	TBD	METALL 10,0K	603-MFR-25FBF52-10K	1/4 W, 100 V, 1 % Metal Film	10 kOhm suggested
10	1	S1	Lorlin	DIV	3x4 Pole	DS 3PC	10SM161	3x4 Pole Rotary Switch	MBB preferred
11	1	S2	Apem	25136NAH	SPDT	SS 25136 NH	642-25136NAH	2.54 mm SPDT Sliding Switch	
12	2	X1, X2	TE Connectivity	5227161-7	50 Ohm	UG 1094W1	571-5227161-7	PCB Mount BNC Jack	
13	1	X3	DIV	DIV	3x 2.54 mm	AKL 101-03	651-1985878	3 Pole 5.08 mm terminal	
14	13	DOA Sockets	Harwin	H3182-05	1 mm	-	855-H3182-05	Board Socket	PCB fits up to 1.2 mm diameter
15	4	Standoffs	DIV	DIV	10 mm	DA 10MM	855-R30-3001002	Standoff 10 mm length	Nuts and washers needed

Revision History:

- 1.0 Misaligned footprint for S1.
- 1.1 Correct footprint for S1. Correct quantity for S2 in BOM.