

Bill of Materials for 158d PCB build – By Tony Clark @ GLM

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NOTE: Part values may not be accurate. Substitutions are suggestions and have not been confirmed to work!

USE AT YOUR OWN RISK!!!!

<b>Part Ref.</b>	<b>Value</b>	<b>Possible Substitute</b>	<b>Total Needed</b>
R1, R7, R9, R16, R35 R45, R47, R48	3.3K 1/4W 5%		16
R2	150 Ohm		2
R3, R8, R18, R23, R28 R29, R42, R43	1.5K		16
R4, R5, R17	1.0K Trimpot		6
R6	33K		2
R10	150K		2
R11, R12	2.2M		2
R13	47 Ohm		2
R14, R19, R22, R36 R50	2.2K		10
R15, R37	470 Ohm		4
R20, R21, R26, R51	10K		8
R24, R25, R30, R31 R32	6.8K 1%		10
R27, R38, R39, R46	4.7K		8
R33	15K		2
R40, R41	330K		4
R44, R49	1.0K		4
R52	220 Ohm		2
R53	22 Ohm 1/2 Watt		2
R54, R56	50K audio taper pot		4
R55	10K linear pot		2
D1, D2, D3	1N457		6

<b>Part Ref.</b>	<b>Value</b>	<b>Possible Substitute</b>	<b>Total Needed</b>
C1	1uF		2
C2	4.7nF polycarbon		2
C3	47pF		2
C4, C5	56uF tantalum		4
C6	1-25pF trimmer		2
C8, C10	910pF		4
C9	15uF tantalum		2
C11	47nF (0.047uF)		2
C12	47uF tantalum		2
Q1, Q2	MD708B	2N5550 or 2N5551	4
Q3, Q5, Q6, Q12-14	2N4916	2N5401	12
Q4, Q8-11, Q16-18	2N3565	PN3565	14
Q7	U147	MPF102	2
Q15	E101	J201	2
S1	DPDT Switch		