

## Triple Function Generator BOM version 2 – 2020

<b>Boards:</b>		<b>amount</b>
PCB		3
Panel		1
<b>Resistors</b>	<b>value</b>	<b>total of 3 pcbs</b>
r1, r5, r6, r10, r12, r14	4.99k	18
r2, r16	1k	6
r3	330r	3
r4	100r	3
r7, r8, r11	10k	9
r9	4.2k alternative: 4.32k	3
r13	5.66k alternative: 5.6k or 5.62k	3
r15, r18	499r	6
r17	24k	3
r19	100k	3
<b>Diodes</b>		
d1, d2, d3, d4	1n5711	12
d5, d6	1n4001	6
<b>Ferrite</b>		
f1, f2	ferrite bead. alternative: 10r	6
<b>Capacitors</b>		
c1, c2, c3, c4	100nF 2.5mm ceramic	12
c5, c6	10uF electrolytic	6
<b>IC</b>		
u1, u2	8pin socket	6
u1, u2	LM6172	6
<b>Potmeters</b>		
Lights, Mids, Darks	10k lin 9mm right angled	9
knobs	GTP6M-13X16-S from TME	9
<b>Switch</b>		
a, b, c, d	DPDT on-on	3
<b>Jacks</b>		
	PJ302M	6
<b>Power</b>		
10 pin shrouded header	or unshrouded	3
10 pin to 16 pin power cable		3
or use a multicable		1
<b>Normalised inputs</b>		
3 pin header		3
connect pin 1 on pcb1 to pin 2 on pcb2		dupont wire
connect pin 1 on pcb2 to pin 2 on pcb3		dupont wire