

## 208 Toolbox batch8 BOM ( basic features)

by SAMODULAR

	Designator	Quantity	Description	Mouser Part#
<b>Diodes</b>				
1N4148		6		<a href="#">512-1N457</a>

<b>Resistors</b>				
10R		2	1% 1/4W	<a href="#">660-MF1/4DC10R0F</a>
499R	EG LED	1	1% 1/4W	<a href="#">660-MF1/4DC4990F</a>
1K	1x for MIXER LED	5	1% 1/4W	<a href="#">660-MF1/4DC1001F</a>
10K		1	1% 1/4W	<a href="#">660-MF1/4DC1002F</a>
12K		2	1% 1/4W	<a href="#">660-MF1/4DC1202F</a>
15K		1	1% 1/4W	<a href="#">660-MF1/4DC1502F</a>
22K		1	1% 1/4W	<a href="#">660-MF1/4DC2202F</a>
100K		5	1% 1/4W	<a href="#">660-MF1/4DC1003F</a>
120K		35	1% 1/4W	<a href="#">660-MF1/4DCT52R1203F</a>
200K		2	1% 1/4W	<a href="#">660-MF1/4DC2003F</a>
390K		3	1% 1/4W	<a href="#">660-MF1/4DC3903F</a>
2.2M		2	1% 1/4W	<a href="#">603-MFR-25FBF52-2M2</a>

<b>Capacitors</b>				
10nF ceramic		1	Ceramic 2.5mm	<a href="#">810-FG18X7R1H103KNT0</a>
100nF ceramic		9	Ceramic 2.5mm	<a href="#">810-FG18X7R1H104KNT0</a>
1uF elec		1	Elec. 2mm	<a href="#">647-JRZ2A010MDD</a>
2.2uF elec		1	Elec. 2mm	<a href="#">647-JRZ1H2R2MDD</a>
4.7uF elec		1	Elec. 2mm	<a href="#">647-JRZ1H4R7MDD</a>
22uF elec		2	Elec. 2mm	<a href="#">647-JRZ1H220MDD</a>

<b>ICs</b>				
2N3904		2		<a href="#">512-2N3904TA</a>
BC547C		1		<a href="#">512-BC547CTA</a>
TL072		1	8pin DIP	<a href="#">595-TL072CP</a>
TL074		1	14pin DIP	<a href="#">595-TL074CN</a>
CD4093BE		2	14pin DIP	<a href="#">595-CD4093BE</a>

<b>Trimmers</b>				
100K		2	multiturn	<a href="#">652-3296W-1-104LF</a>

<b>Potentiometers</b>				
50K lin 9mm		3	9mm plastic shaft	<a href="#">RV09AF-40-20K-B50K</a>
50K sliders		3		<a href="#">SAMODULAR</a>
1M log 9mm		1	9mm plastic shaft	<a href="#">RV09AF-40-20K-A1M</a>

<b>Misc</b>				
LED red		2	3mm	<a href="#">630-HLMP-K101</a>
Banana jacks black		11		<a href="#">530-108-0903-1</a>
Banana jacks red		6		<a href="#">530-108-0902-1</a>
Banana jacks orange		1		<a href="#">530-108-0906-1</a>
Banana jacks violet		1		<a href="#">530-108-0912-1</a>
Switches SPDT		1	ON-ON	<a href="#">633-M201201</a>
Switches SPDT		2	ON-OFF-ON	<a href="#">633-M201301</a>
Mini slide switch		1	ON-ON	<a href="#">633-M201301</a>
Standoffs 15mm I/I		9		<a href="#">SAMODULAR</a>
Standoffs 5mm I/O		9		<a href="#">SAMODULAR</a>
Screws M3 4mm		18		
Screws M3 12mm		2	add 2x M3 nuts	
Edgecard connector		1	56pin (LW-N28A2G)	<a href="#">SAMODULAR</a>
Switchcaps		1	208TB set	<a href="#">SAMODULAR</a>
Rogan knobs	(full kit comes with 3x blue & 2x red RB knobs)	4	RB or Alpha series	<a href="#">SAMODULAR</a>
DIP sockets		3	14-pin	<a href="#">SAMODULAR</a>