

Tonic BOM - Rev 03

Qty	Value	Device	Package	Parts	Description
1	100R	Resistor	R0603	R5	Resistor
1	150R	Resistor	R0603	R21	Resistor
9	1k	Resistor	R0603	R4, R7, R8, R15, R19, R20, R26, R31, R36	Resistor
7	10k	Resistor	R0603	R3, R6, R11, R13, R24, R29, R34	Resistor
2	33k	Resistor	R0603	R22, R27	Resistor
2	39k	Resistor	R0603	R10, R32	Resistor
5	51k	Resistor	R0603	R1, R9, R42	Resistor
9	100k	Resistor	R0603	R2, R12, R16, R17, R23, R28, R33, R37, R38	Resistor
1	100pF C0G	Capacitor	C0603	C6	Capacitor
3	100nF	Capacitor	C0603	C3, C4, C5	Capacitor
3	BAT54A	DIODE-2CA AC	SOT23	D1, D2, D3	Dual DIODE Cathode-Anode Anode-Cathode
14	BSS123	BSS123	SOT23	Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q15	N-CHANNEL MOS FET
1	BSS84	BSS84	SOT23	Q14	P-CHANNEL MOS FET
1	Voltage Reference	LM4041A12DBZ	DBZ_R-PDSO-G3	IC1	PRECISION MICROPOWER SHUNT VOLTAGE REFERENCE
1	Dual Op Amp	TL072D	SO08	IC3	OP AMP
2	47uF	CPOL-0505	CPOL-5	C1, C2	POLARIZED CAPACITOR, European symbol
5	Trimpot	10k lin	RTRIM64W	V1, V2, V3, V4, V5	Trimm resistor
6	Pushbutton	TL1105	6mm	SW1, SW2, SW3, SW4, SW5, SW6	E-Switch
1	Potentionmeter	10k lin	RK09L1140	P1	Alps Potentiometer
8	Jack	Mono 3.5mm jack	THONKICONN	IN_1, IN_2, IN_3, IN_4, IN_5, IN_6, OUT_CV, OUT_TR	Thonk Jack
1	Header	M05X2PTH	AVR_ICSP	JP8	Header 5x2
6	LED	Yellow	LED3MM	LED1, LED2, LED3, LED4, LED5, LED6	LED