

Quantity	RefDes	Value	Name	Mfr. part #	Mouser Part #
24	R1, R2, R3, R7, R8, R9, R13, R14, R15, R19, R20, R21, R25 - R37	1k	0603 1/4w Resistor 10%	CRGP0603F1K0	279-CRGP0603F1K0
13	R4, R5, R6, R10, R11, R12, R16, R17, R18, R22, R23, R24, R43	100k	0603 1/4w Resistor 10%	CRGP0603F100K	279-CRGP0603F100K
1	R44	4k7	0603 1/4w Resistor 10%	CRGP0603F4K7	279-CRGP0603F4K7
6	C1, C2, C3, C5, C7, C9	100nf	0603 50v Capacitor 10%	0603B104J250CT	791-0603B104J250CT
1	C6	330nf	0603 50v Capacitor 10%	C1608X5R1H334K080AB	810-C1608X5R1H334K
1	C10	1uf	0603 50v Capacitor 10%	963-TMK107BLD105KA-T	963-TMK107BLD105KA-T
24	D2 - D25	1N4001	SOD-323	MMDL770T1G	863-MMDL770T1G
2	L1, L2	75R	0805 Ferrite Bead	BLM21BB750SN1D	81-BLM21B750S
2	D26, D27	B160-13-F	SMA Schottky Diode	B160-13-F	621-B160-F
2	U1, U2	CD40106BM	Hex Inverter	CD40106BM96	595-CD40106BM96
1	U3	78L05	5v regulator	L78L05ABUTR	511-L78L05ABU
1	U4	TL072	Op amp	TL072CDR	595-TL072CDR
2	C4, C8	10uf	10uf 25v Electrolytic through hole	ECE-A1EKS100	667-ECE-A1EKS100
1	J13	N/A	2 x 5 header	10-89-7102	538-10-89-7102
1	U\$1	N/A	Teensy 3.2	N/A	N/A
13	J1 - J12	N/A	1/8" Audio Jack	PJ301M-12	N/A
12	D1, D28 - D38	N/A	3mm LED	WP3A8ID	604-WP3A8ID
TOTAL PCS.		107			