

Item #	Quantity	Designator	Description	Value	Package	Manufacturer	Manufacturer Part Number	Digikey Part Number	Mouser Part Number
1	2	C1, C2	CAP CER 0.1uF 25V X7R 0603	0.1uF	0603	Samsung	CL10B104KA8NNNC	187-CL10B104KA8NNNC	81-GCJ188R71H104KA2D
2	2	CN1, CN2	CONN HEADER SMD R/A 4POS 1MM			JST Sales America Inc.	SM04B-SRSS-TB(LF)(SN)	455-1804-1-ND	
3	1	D1	LED GREEN DIFFUSED 0603 SMD		0603	OSRAM	LG L29K-G2J1-24-Z	475-2709-1-ND	720-LGL29KG2J124Z
4	1	D2	Red 625nm LED Indication - Discrete 2V 0603 (1608 Metric)		0603	Würth Elektronik	150060RS75000	732-4978-1-ND	710-150060RS75000
5	4	H1, H2, H3, H4	BRD SPT SNAP LOCK REST MNT 4MM			Essentra Components	PSD-4M-19	PSD-4M-19-ND	144-PSD-4M-19
6	2	P1, P2	CONN HEADER VERT 10POS 2.54MM		TH	Sullins	PREC010SAAN-RC	S1012EC-10-ND	
7	1	P4	CONN HEADER VERT 8POS 2.54MM		TH	Sullins Connector Solutions	PREC008SAAN-RC	S1012EC-05-ND	
8	4	R1, R2, R3, R4	RES 10K OHM 1% 1/10W 0603	10K	0603	Yageo	RC0603FR-0710KL	311-10.0KHRCT-ND	603-RC0603FR-0710KL
9	1	R5	RES 47K OHM 1% 1/10W 0603	47K	0603	Yageo	RC0603FR-0747KL	311-47.0KHRCT-ND	603-RC0603FR-0747KL
10	1	R6	RES 470 OHM 1% 1/10W 0603	470	0603	Yageo	RC0603FR-07470RL	311-470HRCT-ND	603-RC0603FR-07470RL
11	5	R7, R8, R9, R10, R11	RES SMD 0 OHM 0603	0	0603	Yageo	RC0603FR-070RL	311-0.0HRCT-ND	603-RC0603FR-070RL
12	1	U1	Low Voltage 16-Bit I2C-bus I/O Expander		TQFN44-24	Kinetic Technologies	KTS1622EUAA-TR		389-KTS1622EUAA-TR

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