

Bill of Materials

Palette

Source Data From:

Palette_Rev1.PrjPcb

Project:

Palette_Rev1.PrjPcb

Variant:

None

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Designator	Description	Manufacturer	Manufacturer Part Num	Digi-Key Part Number	Quantity
BAT1	RETAINER COIN CELL 7.9MM SMD	Keystone Electronics	2988	36-2988-ND	1
C1	CAP TANT POLY 100UF 8V 1411	Panasonic Electronic Components	8TPE100MAZB	P16641CT-ND	1
C2	CAP CER 10UF ±20% 10V X5R 0603	Murata	GRM188R61A106MAA LD	490-12734-1-ND	1
C3, C6, C8, C10	CAP CER 22UF 6.3V X5R 0603	Murata	GRM188R60J226MEA 0D	490-7611-1-ND	4
C4, C5, C7, C9, C11, C12, C13	CAP CER 0.1UF 10V X5R 0402	Murata	GRM155R61A104KA0 1D	490-1318-1-ND	7
D1	LED Red 630nm 2.2V Diffused White Lens 0603	Rohm Semiconductor	SML-D12V1WT86	SML-D12V1WT86CT-ND	1
L1	FIXED IND 10UH 500MA 320 MOHM	Abracon LLC	AIML-0805HC-100M-T	535-12791-1-ND	1
R1	RES SMD 220 OHM 1% 1/10W 0603	Panasonic	ERJ-3EKF2200V	P220HCT-ND	1
R2, R3, R4	RES SMD 30 OHM 1% 1/16W 0402	Yageo	RC0402FR-0730RL	311-30LRCT-ND	3
R5, R6	RES SMD 4.7K OHM 1% 1/16W 0402	Yageo	RC0402FR-074K7L	311-4.7KLRCT-ND	2
S1, S2, S3	SENS IR PROXIMITY AMB LT 10QFN	Silicon Labs	SI1141-M01-GMR	336-3260-1-ND	3
SW1	SW Slide Switch DPDT Through Hole, Right Angle	C&K Components	JS202011AQN	401-2000-ND	1
U1	IC REG BUCK 2.2V 0.2A SYNC SOT25	Torex Semiconductor Ltd	XC9265A221MR-G	893-1305-1-ND	1
U2	IC BUS BUFF TRI-ST QD 14VQFN	Texas Instruments	SN74LVC125ARGYR	296-13961-1-ND	1
U3	MIC MEMS ANALOG OMNI	Knowles	SPW0430HR5HB-B	423-1215-1-ND	1
U4	MODULE BT 4.0 BLE113 OTA	Silicon Labs	BLE113-A-M256K	1446-1035-1-ND	1
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Approved

Notes
