

total_Power_Switch_band_LED

RefDes	Value	Quantity	Mouser P/N	Digi-Key P/N	BuyDisplay	Type	Cost	
C1, C2, C3, C4, C5, C6, C7	1uf	7	603-CC206KRX7R9BB104			CAP_1206	\$0.21	\$1.47
D1	160M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D10	6M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D11	2M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D12	70cm	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D13, D15	1N4148	2	241-1N4148WSR100001			DIODE_1206	\$0.07	\$0.14
D14	TFT Brightness Sensor	1	710-1540031EA4590			LED	\$0.44	\$0.44
D2	80M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D3	40M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D4	30M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D5	20M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D6	17M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D7	15M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D8	12M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
D9	10M	1	859-LTST-C230KGKT			SMD LED	\$0.06	\$0.06
ENC1	11mm Encoder	1	652-PEC11R-4215F-S24			Encoder W/Switch	\$1.46	\$1.46
IC1, IC2	PCF8574	2	771-PCF8574ATD-T			PCF8574	\$1.70	\$3.40
IC3	LM358D	1	595-LM358PWRG3			LM358D	\$0.26	\$0.26
IC4	PCA9555APW	1	771-PCA9555APW118			PCA9555APW	\$1.97	\$1.97
J1	TWI X2	1			8 Pin 1.0mm	FFP-8	\$0.17	\$0.17
J3	Power Button	1			8 Pin 1.0mm	FFP-8R	\$0.17	\$0.17
P3, P4, P5, P6		4				Ground Mounting Hole		\$0.00
PBS1		1	653-B3W-9000-RG2C			Dual LED PB Switch	\$4.51	\$4.51
Q1		1	621-MMBT2222A-F			2N2222A	\$0.03	\$0.03
R1, R37	1k	2	311-1.00KHRCCT-ND			RES_1206	\$0.01	\$0.02
R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R4, R5	470 ohm	14	652-CR1206JW-471ELF			RES_1206	\$0.01	\$0.13
R2, R3, R6, R7, R8, R9	10k	6	603-RC1206JR-7W10KL			RES_1206	\$0.01	\$0.08
R22, R23	2.2k	2	603-RC1206JR-7W2K2L			RES_1206	\$0.03	\$0.06
R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35	470 ohm	12	652-CR0805JW-471ELF			RES_0805	\$0.00	\$0.05
R36	100k	1	791-RMC1/8-104JTP			RES_1206	\$0.01	\$0.01
U1, U2, U3, U4, U5, U6	LED G/R	6	859-LTST-C235KGKRKT			LED Green Red	\$0.16	\$0.98
								\$16.02