USB BOM

Designator	Description	Manufacturer	Manufacturer Part Number	Supplier	Supplier Part Number	Quantity
C1,C6-C7	10uF 6.3V 0603 MLCC capacitor	Samsung Electro-Mechanics	CL10A106MQ8NNNC	Digi-Key	1276-1119-1-ND	3
C2,C4	18pF 0603 MLCC capacitor	Kemet	C0603C180K5GACTU	Digi-Key	399-7866-1-ND	2
C3,C5,C8	0.1uF 6.3V 0603 MLCC capacitor	Samsung Electro-Mechanics	CL05B104KQ5NNNC	Digi-Key	1276-1511-1-ND	3
C9	1uF 6.3V 0603 MLCC capacitor	Samsung Electro-Mechanics	CL10A105KQ8NNNC	Digi-Key	1276-1036-1-ND	1
D1	Red LED 1005 metric	Stanley Electric Co	FHR1105P-TR	Digi-Key	404-1211-1-ND	1
D2	Amber LED 1005 metric	Stanley Electric Co	FHA1105P-TR	Digi-Key	404-1210-1-ND	1
J1	CONN USB RECEPT R/A TYPE A 4POS	TE Connectivity AMP Connectors	292303-1	Digi-Key	A31726-ND	1
J2	0.1 header 6 position ICSP	Wurth Electronics Inc.	61300611121	Digi-Key	732-5319-ND	1
J3	0.1 header 4 position	Wurth Electronics Inc.	61300411121	Digi-Key	732-5317-ND	1
R1	10k 0603 resistor	Panasonic	ERJ-3GEYJ103V	Digi-Key	P10KGCT-ND	1
R2	1k 0603 resistor	Panasonic	ERJ-3GEYJ102V	Digi-Key	P1.0KGCT-ND	1
R3	330 0603 resistor	Panasonic	ERJ-3GEYJ331V	Digi-Key	P330GCT-ND	1
S1	Small push-button switch oval	E-Switch	TL3365AF180QG	Digi-Key	EG5384CT-ND	1
U2	Regulator	Microchip	MCP1700T-3302E/TT	Digi-Key	MCP1700T3302ETTCT-ND	1
U1	MCU	Microchip	PIC32MM0064GPM028T-I/SS	Digi-Key	PIC32MM0064GPM028T-I/SSCT-ND	1
Y1	8 MHz crystal 20ppm 4-SMD	Abracon LLC	ABM3B-8.000MHZ-B2-T	Digi-Key	535-9720-1-ND	1

DNP   Comment