

USB_POD_PIC_BOM_3

REF	QTY	DESCRIPTION	MANUFACTURER / NUMBER
U1	1	IC, FXMA2102, uMLP_1.6x1.6	Fairchild FXMA2102L8
U2	1	IC, FAN2558S18, SOT23-5	Fairchild FAN2558S18
U3	1	IC, PIC18F14K50, SSOP20	Microchip PIC18F14K50-E/SS_AC
X1	1	XTAL, 12MHz, 30ppm	DigiKey XC1511
C1, C2	2	22pf, 50V, 5%, NPO, 0402	DigiKey 490-1283
C3	1	4.7uf, 10V, 10%, X5R, 0603	Samsung CL10A475KP8NNNC DigiKey 1276-1044-1-ND
C4, C5, C6, C7	4	1.0uf, 10V, 10%, X5R, 0402	Samsung CL05A105KP5NNNC DigiKey 1276-1076-1-ND
C8, C9, C10	3	0.1uf, 16V, 10%, X7R, 0402	DigiKey 490-3261
L1	1	Ferrite Bead, 100Ω, 0603	DigiKey 490-5448
R1, R2	2	2.7K, 5%, 0402	DigiKey P2.7KJ
R3, R4, R5	3	100K, 5%, 0402	DigiKey P100KJ
R6, R7, R8	3	10.0K, 1%, 0402	DigiKey P10.0KL
R9, R10, R11	3	1.0K, 5%, 0402	DigiKey P1.0KJ
R12	1	1.0M, 5%, 0402	DigiKey P1.0MJ
J1	1	Micro USB Connector, shielded	Molex 47589-0001 DigiKey WM17143
J2	1	7x2 Header Strip, Right Angle	DigiKey SAM1037-07
J3 J4, J5	3	2x1 Header Strip	DigiKey S1011E-02-ND
	1	case	Polycase KT-40S0 modified per FSC KT40-FSC
	2	screws	Polycase HL 5/8-BR
	1	Ribbon Cable, 6inch, 14pin	DigiKey C3CCS-1406G
	1	Cable, USB-A to micro B, 1.0m	DigiKey AE10419
	1	Label	print per file
GND	1	Bus Bar	Wire Bus Bar 20AWG
	1	PCB, USB_POD_PIC	
C11	0	No Load 0402	
TOTAL	40		