ARM PRO MINI BOM

Quantity	Value	Type	Package	Part Numbers	Source	Source Part #	Comments
2	Resistor 33R, 1%		0402	R5, R6	Digikey	P3.0LCT-ND	Generic part.
5	Resistor 1K5, 1%		0402	R1, R3, R4, R7, R11	Digikey	P1.50KLCT-ND	Generic part.
5	Resistor 10K, 1%		0402	R2, R8, R9, R10, R12	Digikey	P10.0KLCT-ND	Generic part.
2	Ceramic capacitor 18pf 1% 50V		0402	C3, C4	Digikey	490-6203-1-ND	Generic part.
2	Ceramic capacitor 0.1u 50v		0603	C5, C6	Digikey	311-1344-1-ND	Generic part.
2	Ceramic capacitor 2.2, 10v, 10%		0603	C1, C2	Digikey	45-5958-1-ND	Generic part.
1	LED green		0402	LED1 (USB)	Digikey	754-1101-1-ND	Generic part.
1	LED red		0402	LED2 (LED)	Digikey	754-1104-1-ND	Generic part.
1	LED blue		0402	LED3 (PWR)	Digikey	754-1504-1-ND	Generic part.
1	MBT3906	Transistor PNP	SOT23	T1	Digikey	MBT3906-TPCT-ND	Generic part.
1	BAS40-05	Dual Schottky diodes, common cathod.	SOT23-5	D1	Digikey	BAS40-05TPMSCT-ND	Generic part.
1	PRTR5V0U2X	TVS USB ESD protection diodes.	SOT143B	U1	Digikey	568-4140-1-ND	
1	MIC5225-3.3v	LDO 3.3V	SOT23-5	U2	Digikey	576-2980-1-ND	Generic part.
1	LPC11U35FHI33/501	MCU ARM/M0	3HVQFN 5x5mm	U3	Digikey	568-9586-ND	
1	Crystal 12Mhz, 18pf		1.5 x 3.2mm	Q1	Digikey	CTX839CT-ND	
1	SWD header 2x5, 0.05", through hole.			J2	Digikey	952-1383-ND	Generic part. Optional, needed only when using a debugger.
1	Micro USB 'reversed' connector	Connector		J1	Digikey	H11611CT-ND	Must be 'reversed' type.
2	Tactile switch		3.2 x 4.2mm	S1, S2	Digikey	CKN10502CT-ND	
1	PCB Board	2 Layers, 1.5 x 0.8", 7mil traces/spacing, 13mil min drill.					1mm thickness and 5mil metal stencil recomanded. Gerber files tested with elecrow.