



Line #	Name	Description	Designator	Quantity	Target Price	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	PCB	4-Layer Controlled Impedance, ENIG		1	0	JLCPCB	USB_Analyzer	Manual Solution				
	100n	Cap, Chip, 100nF, 16V, +/-10%, X7R, 0402	C1, C2, C3, C4, C5, C6	32	0	NIC Components	NMC0402X7R104K16TRF	Volume Production	Verical	NMC0402X7R104K16TRF	0.0059	0.1888
	1u	Cap, Chip, 1uF, 10V, 10%, X5R, 0402	C24, C25, C39	3	0	NIC Components	NMC0402X5R105K10TRF	Volume Production	Future Elect	NMC0402X5R105K10TRF	0.0394	0.1182
	18p	Cap, Chip, 18pF, 25V, 10%, NPO 0402	C34, C35, C37, C38	4	0	NIC Components	NMC0402NPO180J50TRF	Volume Production	Verical	NMC0402NPO180J50TRF	0.004	0.016
	10u	Cap, Chip, 10uF, 10V, ± 15%, X5R, 0603	C40	1	0	NIC Components	NMC0603X5R106K10TRF		Future Elect	NMC0603X5R106K10TRF	0.0263	105.2
	PMEG2015EH	Diode, Schottky Rectifier, 20V, 1.5A, SOT123F	D1	1	0	NXP Semiconductors	PMEG2015EH T/R	Volume Production	Verical	PMEG2015EH T/R	0	0
	0603 Green	0603 LED, Green	D2	1	0				Digi-Key	160-1435-1-ND		
	120R	Ferrite bead, 120 ohm@100MHz, 0.30 ohm @DC, 5	FB1, FB2, FB3	3	0	NIC Components	NCB0603R121TR060F	Volume Production	Arrow	NCB0603R121TR060F	0.1206	0.3618
	300R	Ferrite bead, 300 ohm@100MHz, 0.15 ohm @DC, 1	FB4, FB5, FB6, FB7	4	0	Murata	BLM18KG331SN1D	Volume Production	Digi-Key	490-5256-2-ND	0.02304	92.16
	2x30	CONN, Header, 2x30, TH, 1.27mm	H1	1	0							
	2x10	CONN, Header, 2x10, TH, 1.27mm	H2	1	0							
	2x15	CONN, Header, 2x15, TH, 1.27mm	H3, H4, H5	3	0							
	JTAG	CONN, Header 2x5, TH, 1.27mm	H6	1	0							
		Header, 1-Pin	H7, H8	2	0							
	USB Female	USBA Female, RA, TH	J1	1	0	AMPHENOL ICC (COMM)	UE27AC54100		Digi-Key	UE27AC54100-ND	0.6	0.6
	micro USB B	CONN RECEPT MICRO USB RA 5POS SMD	J2	1	0	ICC	10118194-0001F		Newark	67T2260	0.473	0.473
	8.06k	Resistor 8.06 kOhm, 1%, 0.1W, 0402	R1, R11	2	0	Panasonic	ERJ-2RKF8061X	Volume Production	Digi-Key	P8.06KLDKR-ND	0.1	0.2
	1M	Semiconductor Resistor	R2, R9	2	0	Vishay	CRCW04021M00FKED	Volume Production	Future Elect	CRCW04021M00FKED-C	0.0056	0.0112
	10k0	Resistor, 10.0 kΩ, 1%, 0.06W, 0402	R3, R4, R5, R6, R7, R8	6	0	NIC Components	NRC04F1002TRF	Volume Production	Arrow	NRC04F1002TRF	0.0173	0.173
	12k0	Resistor 12.0 kΩ, 1%, 0.06W, 0402	R10	1	0	NIC Components	NRC04F1202TRF	Volume Production	Verical	NRC04F1202TRF	0.0013	0.0013
	20k0	Resistor 20 kOhm, 1%, 0.1W, 0603	R12	1	0							
	PTS840	SWITCH SPST RA, 50mA, 24V, SMT	S1	1	0							
	LPC4357JET256551	32-bit ARM Cortex-M4 / M0 Microcontroller, 164 I/O	U1	1	0	NXP Semiconductors	LPC4357JET256551	Volume Production	Verical	LPC4357JET256551	15.34	15.34
	MT48LC16M16A2F4	256Mb PC133 SDR SDRAM, 16Mb x16, 7.5ns, 3.3V, 1	U2	1	0	Micron Technology	MT48LC16M16A2F4-7EG	Volume Production	Arrow	MT48LC16M16A2F4-7EG	7.59	7.59
	USB3343-CP-TR	Enhanced Single Supply Hi-Speed USB ULPI Trans	U3	1	0	Microchip	USB3343-CP-TR	Volume Production	Mouser	886-USB3343-CP-TR	1.27	1.27
	AP7333-33SAG-7	IC, CONV DC/DC LDO 3.3V, 300mA, SOT23-3	U4	1	0	STMicroelectronics	LD1117S33CTR	Volume Production	Digi-Key	497-1241-1-ND	0.42	0.42
	13MHz	X-tal, 13.000MHz, Cl=20pF, +/-18ppm, 3225	X1	1	0	Abracon	ABM8G-25.000MHZ-B4Y-T	Volume Production	Newark	60R3973	0.367	0.367
	26MHz	X-tal, 26.000MHz, Cl=6pF, +/-18ppm, 2.0 x 1.6mm	X2	1	0	Murata	XRCGB26M000F2P00RD	Volume Production	Digi-Key	490-9764-1-ND	0.36	0.36