



8:08:47 PM
8:09:11 PM

Category	In manufacture	Manufacturer Part Number	Package / Case	Description	Designator	Quantity	Supplier 1	Supplier Part Number 1	Supplier Order Qty 1	Supplier Stock 1	Supplier Unit Price 1	Supplier Order Qty 1	Supplier Subtotal 1	Supplier Currency 1
				0.47uF1.6KV	C14, C21	2								
				0.47uF1.6KV	C15, C16, C22, C23, C28	5								
				0.47uF1.6KV	C4, C10, C13, C19, C20, C24, C25, C28, C27	9								
				1N4148	D1	1								
				BLM21 EMI	L1	1								
				Cap 47uF16V	C2, C3	2								
				Crystal, 32.768 KHz, -40 to 85 degC, 3.2 x 1.5 x 0.9 mm SMD	X2, X3	2								
				diode CD0603-S01575	D2, D3	2								
				EMI CG0603MLC-05E	Z1, Z2	2								
				FDN340P	T1	1								
				Fuse smd	F1	1								
				Jac DC input	JDC	1								
				LED smd	LEDP1, LED3, LED4	3								
				LED smd	LED2	1								
				Low-Power Dual Operational Amplifier	IC2	1								
				LP2985-33DBVR	IC3	1								
				NCP1117	IC1	1								
				res smd	R1, R7, R8, R13, R14, R16, R17	7								
				res smd	R10	1								
				res smd	R2, R3, R4, R11, R12, R15	6								
				res smd	R5, R6	2								
				res smd	R9, R18	2								
				Switch button 2 pin	SW1	1								
				USB-B Type A	X1	1								
				WR-FHD 2.54 mm Angled Socket Header	C11	1								
				WR-FHD 2.54 mm Angled Socket Header	C5, C6, C12, C17, C18	5								
				WR-FHD 2.54 mm Dual Socket Header	C1, C8	2								
				WR-FHD 2.54 mm Dual Socket Header	C7	1								
				WR-FHD 2.54 mm Dual Socket Header	C9	1								
	Integrated Circuits (ICs)	Microchip	ATMEGA16U2-AU	32-TQFP	IC MCU 8BIT 16KB FLASH 32TQFP	U2		Dig-Key	ATMEGA16U2-AU-ND	1	5947	2.83	1	2.83 USD
		Microchip	ATMEGA2560-16AUR		8-bit AVR Microcontroller, 4.5-5.5V, 256KB Flash, 4KB EEPROM, 8KB SRAM, 86 GPIO pins, 100-pin TQFP, Industrial Grade (-40°C to 85°C), Pb-Free	U1	1	Dig-Key	ATMEGA2560-16AUR-ND		0			Loading...
Approved		Notes				68								