



tine# D	Same	Description	Designator F	Rovision ID	Revision State	Revision Status	Quantity	Supplier Ref	Supplier Part	Wanufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
- 1	16MHz NB26TRB-32.768KHZ-	HC-49 Crystal CRYSTAL 32.7680KHZ	XTAL1		Not managed		1									
Ť	NEO/61165-32.766KHZ-	32.7680KHZ 12.5PF TH	Y1		Unknown server		1			Abracon	AB26TR9-32.768KHZ-T	Volume Production				
А	ATmega338P-AU	8-bit AVR Microcontrolle r, 33KB Flash, 1KB EEPROM, 2KB SRAM, 32- pin TOFP, Industrial Grade (-40°C to 85°C)	ur		Unknown server		1			Microchip	ATMEGA:28P-AU	Volume Production				
	2H340G	2Mbps Transceiver USB 2.0 SOP- 16 USB ICs ROHS	LI6		Not managed		1									
c	HEVRON	Trickle-Charge	CS1		Not managed		- 1									
D	051302+ feader 2	Timekeeping Chip, 8-Pin PDIP, 01o 70 degC, Pb-Free Header, 2-Pin	US CN6		Unknown server		1			Maxim Generic Header	D61302+	Volume Production				
	.7805 .CD 16K2	Voltage Regulator, 9V, 3-Pin TO-220	U1 LCD1		Unknown server					STMicroelectronics	L7805CV(????)					
	IN74LVC125APWR	IC BUF NON- INVERT 3.6V	LI2		Unknown server		1			Texas Instruments	SN74LVC125APWR	Volume Production				
		14TSSOP Adjustable Precision Shunt Regulator, 34 ppm / degC, 100mA, -40 to 85 degC, 3-pin TO-92 (IP), Pb- Free (RoHS)	LIS		Unknown server		1			Texas instruments	TL43'NLP	Volume Production				
	WAX667S vesistor	RES SMD 10K OHM 1%	LIS, UP, U10 R26, R27		Not managed		3		C16030 C17414	Yageo	RC0603FR-0710KL	Volume Production	Mark Warr	311-10.0KHRCT-ND		
- 1		1/10W 0603	mett, Marr		Not managed		-1			gev			Digi-Koy			
R	Resistor 10k	OHM 1% 1/10W 0603 RES SMD 1M OHM 1%	NG .		Not managed		- 1		C17414	rageo	RC0603FR-0710KL	Volume Production	Digi-Koy	311-10.0KHRCT-ND		
n	resistor	OHM 1% 1/10W 0603 12SmW Thick	R12, R25		Not managed		2		C17514	Yageo	RC0603FR-071ML		Digi-Koy	311-1.00MHRDKR-ND		
R	besistor 4.7K	Film Resistors ±1% 4.7kp	R17, R18, R19, R20, R21		Not managed		S		C17673				Digi-Koy	311-4.70KHRCT-ND		
U T	JSB 2.014 Female Type-B	Female Type- B Plugin USB Connectors ROHS	J1		Not managed		1	C46392	C46392							
,	100nF		C1, C2, C4, C6, C7, C8, C10, C13, C14, C17, C18, C19, C20, C21, C29, C30, C31		Not managed		17	C138340	C83170							
1	IF-01A	LCSC Part # C91145 Manufacturer Korean Hroparts Elec	CARD1		Not managed		1		C91145							
1	ık	1ko 0603 Chip Resistor - Surface Mount	82, 85, 89, 810, R11		Not managed		s	C2918548	095781							
8	Resistor 4.7K	RES SMD 4.7K OHM 1%	R1, R4, R6, R7, R8, R15, R16		Not managed		7		C115310	Yageo	RC0603FR-074K7L		Digi-Koy	311-4.708HRCT-ND		
	leader 5	1/10W 0603 Header, 5-Pin 20mA 639nm	CN4, CN7		Not managed		2		C124379	Generic Header						
L	æ	Colorless transparence - 55°C - 65°C 631nm - 631nm Red 130° 75mW 0603 Light Emitting Diodes (LED) ROHS	06		Not managed		1	C125099	C125099							
п	£D	20mA 639nm Coloriess tramparence - 55°C - 485°C 631nm - 631nm Red 130° 75mW 0603 Light Emitting Diodes (LED) ROHS	D4		Not managed		1	C125099	C125099							
,	10nF	CAP CER 0.1UF SOV X7R 0603/0805	C12		Not managed		1	C138340	C138340							
,	NMS1117-3.3	EDO Voltage Regulators 1A, 3 3V	U4		Unknown server		1		C347222	Advanced Monolithic Systems	AM51117-3.3					
-1	I6MHz	C347222 CRYSTAL 16.0000MHZ	Y2		Not managed		-		C362471	Epson	FA-23816.0000MB-C3	Volume Production	Digi-Koy	SERS686CT-ND		
		18PF SMD SOV 1uF X7R ±10% 0805 Multilayer	C22, C23, C24, C25, C26		Not managed		5		CS16002				Digi-Key	587-1241-1-ND		
		TERM BLK 2POS SIDE ENT 3 SAMAPOR	CN1, CN10, CN11, CN12		Not managed		4		C695629	Phoenix Contact	1751248	Volume Production	Digi-Koy	277-5719-ND		
c	3R2032	CR2032 platique holder though hole	CR1		Not managed		1		C964745							
-	leader 4	hole Header, 4 Pin	CN3, CN5, CNB, CNR,		Not managed		S		C2691448	Generic Header						
		50V 10uF X7R ±10% 1210 Multilayer Ceramic	CN13 C3, C5, C11		Not managed		3		C2918502					399-6785-1-ND		
-	leader 51/2		CN2		Not managed		1		C2935920	Generic Header						
	DIODE	400V 1.15V6P1.5A 4us 1.5A 1uA6P400V DO- 214AO(SMA) Avalanche Noder 90NE			Not managed		1		C2999376	Diodes	\$28A-13-F	Volume Production	Digi-Key	S28A-FDICT-ND		
c	Capacitor	50V 22pF C0G ±5% 0603 Multilayer Ceramic Capacitors MLCC -	C15, C16, C27, C28		Not managed		4		CS177174	Kyocora AVX	0603SC2201AT2A\4K		Digi-Key	478-6204-1-ND		
		ROHS								-			-			
U	JS8LC6-45C6	ROHS TVS DIODE 5.25V 17V SOT23-6 SOT-23-6ESD Protection Devices ROHS	D3		Not managed		1	CS197386	CS197386							