

Qty	Value	Device	Package	Reference Designator
1		PINHD-1X3	1X03	JP1
3	0.1uF	C-USC0603	C0603	C1, C2, C4
1	1uF	C-USC0603	C0603	C3
2	200	R-US_R0603	R0603	R1, R2
1	B3B-XH-A	B3B-XH-A	B3B-XH-A	J3
1	B4B-XH-A	B4B-XH-A	B4B-XH-A	J2
1	BK-912-TR	BK-912-TR	MPD_BK-912-TR	BT1
1	FTSH-107-01-L-DV-A-TR	FTSH-107-01-L-DV-A-TR	SAMTEC_FTSH-107-01-L-DV-A-TR	J4
1	STM32L432KX	STM32L432KX	UFQFPN32-5X5MM	U1
1	TG-3541CE_32.7680KXB3TG-3541CE_32.7680KXB3_EPS-M	TG-3541CE_32.7680KXB3TG-3541CE_32.7680KXB3_EPS-M	TG-3541CE_32.7680KXB3_EPS-M	XTAL1
2	TPTP20SQ	TPTP20SQ	TP20SQ	TP1, TP2
1	TSL237	TSL237	TSL237	U\$1

Description	Unit Cost	Extended Cost	MANUFACTURER	PART NUMBER	Distributor	Distributor Link
Headers & Wire Housings 2mm Pico-Lock Rcpt Hsg SR PosLck 3Ckt	0.211	0.211	Molex	205341-0203	Mouser	Link
CAPACITOR, American symbol	0.068	0.204	KEMET	C0603C104J1RACTU	Mouser	Link
CAPACITOR, American symbol	0.068	0.068	KEMET	C0603C104J1RACTU	Mouser	Link
RESISTOR, American symbol	0.005	0.01	Bourns	CR0603-F/-1R00ELF	Mouser	Link
CONN HEADER VERT 3POS 2.5MM	0.08775	0.08775	JST Sales America Inc.	B3B-XH-A(LF)(SN)	DigiKey	Link
CONN HEADER VERT 4POS 2.5MM	0.10139	0.10139	JST Sales America Inc.	B4B-XH-A(LF)(SN)	DigiKey	Link
BATT HOLDER COIN 20MM 1 CELL SMD	0.75434	0.75434	MPD	BU2032SM-JJ-GTR	DigiKey	Link
CONN HEADER SMD 14POS 1.27MM	2.29593	2.29593	Samtec	FTSH-107-01-L-DV-A	DigiKey	Link
ARM Microcontrollers - MCU Ultra-low-power FPU Arm Cortex-M4 MCU 80 MHz 256 Kbytes of Flash , USB	3.18	3.18	STMicroelectronics	STM32L432KCU6	Mouser	Link
XTAL OSC TCXO 32.7680KHZ CMOS	4.25412	4.25412	Epson	TG-3541CE 32.7680KXB3	DigiKey	Link
COPPER PAD PACK OF 25	0.32	0.64	Teledyne LeCroy	PK007-014	DigiKey	Link
HIGH-SENSITIVITY LIGHT-TO-FREQUENCY CONVERTER SENSOR OPT 635NM AMB SIDELOOKER	1.884	1.884	ams	TSL237S-LF	WinSource	Link
	Total Cost:	13690.53				

PART_STATU S	PITCH	POPULARIT Y	ROHS_COMPLIANC E	SERIES	SPICEPREFI X	STANDARD
		92				
		37			C	
		37			C	
		77			R	
ACTIVE	0.098 (2.50mm) "		ROHS3 Compliant	XH		
ACTIVE	0.098 (2.50mm) "		ROHS3 Compliant	XH		
						Manufacturer Recommendations
						Manufacturer Recommendations
		2				

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