







Line #	Comment	Description	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1	Manufacturer Lifecycle 1	Supplier 1	Supplier Part Number 1	Supplier Unit Price 1	Supplier Subtotal 1
	CL10B105KA8NN NC	1uF 25VDC ±10% X7R MLCC 0603	C1		1 Samsung	CL10B105KA8NNNC	Volume Production	DigiKey	1276-1184-1-ND	0,	0,1
	CL10B104KB8NN NC	100nF 50VDC ±10% X7R MLCC 0603	C3		1 Sams	CL10B104KB8NNNC	Unknown	Digikey	1276-1000-1-ND		0
	CL10B471KB8NN NC	470pF 50VDC ±10% X7R MLCC 0603	C4		1 Samsung	CL10B471KB8NNNC	Volume Production	Mouser	187-CL10B471KB8NNNC	0,	0,1
	CC0603KRX7R9BB 103	10nF, 50 V, ± 10%, X7R, 0603, Multilayer Ceramic Capacitor,	C5		1 Yageo	CC0603KRX7R9BB103	Volume Production	Mouser	603-CC603KRX7R9BB103	0,	1 0,1
	Sens	Pcb Sens	CS1		1						
	1N4148WS-E3-08	Diode	D1		1 Vishay	1N4148WS-E3-08	Volume Production	Mouser	78-1N4148WS-E3-08	0,2	3 0,23
	TLC555CDR	555 Astable 2.1- MHz, 250-μA, Low Power Timer 8- SOIC 0 to 70	IC2		Rochester Electronics	TLC555CDR	Volume Production	Mouser	595-TLC555CDR		0
	61300311021	WR-PHD Pin Header, THT, Angled, pitch 2.54mm, 1 Row, 3P	P1		1 Wurth Electronics	61300311021	Volume Production	Digikey	732-5336-ND	0,	4 0,4
	0603SAF1004T5E	1M Ohms 1% 1/10W-S 100PPM RES 0603	R4		1 Multicomp	MC0603SAF1004T5E	Volume Production	Newark	79M5904	0,08	1 0,081
	0603SAF3300T5E	330R Ohms 1% 1/10W-S 100PPM RES 0603	R5		1 Yageo	RC0603FR-07330RL	Volume Production	Mouser	603-RC0603FR-07330RL	0,	1 0,1
	0603SAF1601T5E	1.6K Ohms 1% 1/10W-S 100PPM RES 0603	R6		1 Panasonic	ERA-3AEB162V	Volume Production	Avnet	39P9958	0,04	9 0,049
	0603SAF1002T5E	10K Ohms 1% 1/10W-S 100PPM RES 0603	R7		1 Multicomp	MC0603SAF1002T5E	Volume Production	Farnell	1632392	0,013	0,0133