









##	Name	Description	Designato			Manufacturer Part Number 1			Supplier Part Number 1	Supplier Unit Price i	Supplier Subtotal i
	Cap		C1, C3			CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C2, C4			CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C5, C7, C13, C14			CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C6, C11	2		CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C8, C9, C15, C16	4	Samsung	CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C10	1	Samsung	CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	Cap		C12	1	Samsung	CL10B104KB8NNNC	Volume Production	Digi-Key	1276-1000-1-ND		
	1N4148	DIODEFAST SIGNAL 500MA/100V	D	2							
	LCD 44780		DS1	1							
	BMI055	Accelerometer, Gyroscope, 6 Axis Sensor	IC	1							
	LM2904AVQDR	IntegratedCircuit	IC1	1							
	MSP430FR4133IG56R	IntegratedCircuit	IC2	1							
	Speaker	Loudspeaker	LS1	1							
	MHDR1X2	Header, 2-Pin	P1	1							
	ArduCam	Header, 8-Pin	P2	1							
	ULTRASONICHC-SR04	Header, 4-Pin	P3, P4, P5	3							
	SSQ-110-03-T-D	Receptacle, 2.54mm, 10x2, Tin, TH	P6	1		SSQ-110-03-T-D	Volume Production	Digi-Key	SAM1204-10-ND	2.13	
	SSQ-110-03-T-D	Receptacle, 2.54mm, 10x2, Tin, TH	P7	1	Samtec	SSQ-110-03-T-D	Volume Production	Digi-Key	SAM1204-10-ND	2.13	2.13
	Header 4		P8, P9	2							
	MHDR2X2	Header, 2-Pin, Dual row	P10	1							
	Header 3X2	Header, 3-Pin, Dual row	P11	1							
	2N2907*	Bipolar_BJT_Transistor PNP 40V 600m.		1							
	2N2222A		Q1,Q2	2							
	IRF3205	N-C hannel 55V 110A (Tc) 200W (Tc) Thr		1							
	Res		R1, R2, R5, R15, R19			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R3, R6			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R4, R7, R12, R20			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R8, R11, R13			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R9			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R10			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R14			RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	Res		R16, R17	2	Stackpole Electron	RMCF0603JT10K0	Volume Production	Digi-Key	RMCF0603JT10K0CT-ND		
	RPot_1		R18	1							
	LSM303DLH	Accelerometer, Magnetometer, 6Axis Se	U1	1							

| Quantity | Manufacturer 1 | Manufacturer Part Number 1 | Manufacturer Lifecycle 1 | Supplier 1 | Supplier Part Number 1 | Supplier Unit Price 1 | Supplier Subtotal 1

Line# Name

Description

Designator