

Pepper-8m BOM

Part	Quantity	Value	Manufacturer	Posible Part	Description	Precio M	Precio M*100
C1	1	0.1uF	VISHAY	293D104X9035A2TE3	Any 3216-18 Tantalum capacitor with 10 volt tolerance	0,22	0,14
C2	1	10uF	VISHAY	293D106X96R3A2TE3	Any 3216-18 Tantalum capacitor with 10 volt tolerance	0,22	0,142
C3,C4,C5,C6	4	0.1uF	VISHAY	VJ0603Y104JXJPW1BC	Any 0603 ceramic capacitor with 10 volt tolerance	0,312	0,1
C7	1	6.8uF	KEMET	T491A685K010AT	Any 3216-18 Tantalum capacitor with 10 volt tolerance	0,26	0,17
D1	1	Red	LITE-ON	LTST-C171AKT	Any 0805 Red led	0,13	0,09
D2	1	Amber	LITE-ON	LTST-C171EKT	Any 0805 Amber led	0,13	0,09
IC1	1		ST	LD1117S33TR	Low Drop Positive Voltage Regulator - LDO 3.3V 0.8A Positive	0,728	0,394
IC2	1		MICROCHIP	PIC18F45J50-I/PT	There is not reemplacement for this part, should be Microchip manufacturer. Microchip direct special price	3,16	1,64
J1	1		STEREN	DNP	2.54, pin header, 6 positions	0	0
J2,J3	2		STEREN	DNP	2.54, pin hedader, 20 positions	0	0
J4	1		TE	1734035-1	Any MINI-B USB conector SMD mount	1,17	1,02
R3,R4	2	390	VISHAY	CRCW0603390RJNEA	Any 0603 Thick Film Chip Resistors 1% and 5% tolerance	0,182	0,06
R1,R2	2	10K	VISHAY	CRCW060310K0JNTA	Any 0603 Thick Film Chip Resistors 1% and 5% tolerance	0,156	0,036
SW1,SW2	2		E-SWITCH	TL3301NF160QJ	6mm x 6mm Push Button, J lead	1,014	0,742
XT1	1		AVX	PBRC12.00MR50X000	Built-in capacitance, 12MHz, 4.5 x 2.0 mm size - resonator	0,741	0,52
						8,423	5,144