

# MAV - MICRO ALTIMETER VEGA

**Design Title** MAV - MICRO ALTIMETER VEGA

**Author** DYANKO CHERNEV

**Document Number**

**Revision**

**Design Created**

**Design Last Modified**

**Total Parts In Design** 13

## 1 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>SIZE</u>	<u>Unit Cost</u>
1	C1	10uF	SMD 0603	\$0.04
Sub-totals:				\$0.04

## 3 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>SIZE</u>	<u>Unit Cost</u>
3	R1, R2, R3	3.3k	SMD 0402	\$0.01
Sub-totals:				\$0.03

## 2 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>SIZE</u>	<u>Unit Cost</u>
1	U1	24FC512	TSSOP 8	\$1.40
1	U2	PIC12F1840	SOIC 8	\$1.20
Sub-totals:				\$2.60

## 2 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>SIZE</u>	<u>Unit Cost</u>
1	D1	LED	SMD 0603	\$0.01
1	D2	PMEG3005EL	SMD 0402	\$0.07
Sub-totals:				\$0.08

## 5 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>SIZE</u>	<u>Unit Cost</u>
1	BAT	2.3v - 4.2v	Misc.	\$0.00
1	BTN1		PCB	\$0.00
1	J1	5P	3pin x 2rows x 1.27mm - MALE 90 DEGREE	\$0.20
1	PCB1	PCB	8 x 10 x 0.8mm	\$0.30
1	PS1	BMP280	LGA 8	\$0.90
Sub-totals:				\$1.40

---

**Totals:** \$4.15