

IMU External PCB V1.0
Revised: Wednesday 3/1/16
Revision:
Description:

Item	Quantity	Reference Designator	Description	Manufacturer	Part #	Unit Cost	Extended Cost
1	1	CN1	HEADER 4POS PIN R/A 2.54MM T/H	Wurth Electronics	61900411021		
2	1	C5	0.1uF-25V(+80/-20%)(0402)	Generic	Generic	\$ 0.02	\$ 0.02
3	1	C4	10nF (10000pF)-16V (0402)	Generic	Generic	\$ 0.02	\$ 0.02
4	5	C3	10uF, 6.3V, 10%, (0402)	Generic	Generic	\$ 0.04	\$ 0.18
5	2	C1, C2	0.1uF, 25V, 10%, (0402)	Generic	Generic	\$ 0.01	\$ 0.02
6	2	R3, R4	10kOHM,1/10W,1%(0402)	Generic	Generic	\$ 0.01	\$ 0.03
7	1	U1	9 DOF Inertial Measurement Unit	ST Electronics	LSM9DS1	\$ 5.74	\$ 5.74

* Suitable generic replacements/substitutions are acceptable for all components except Item #7.
**Leave R1 and R2 unpopulated.