

BOM for BOOSTXL-SENSORS

Do not populate (Dnp) part if Quantity equals zero

Use exact PartNumber and Manufacturer if this data is provided

Feedback from CM needed where supplier equals CM

	Qty	Reference	Manufacturer	Description	Part Number	Size	Value	Supplier1	Digikey Number
	7	C1, C2, C3, C4, C5, C6, C7	Standard	CAP CER 0.1UF 10V 20% X7R 0603,Digikey 399-1095-2-ND		603	100n	Digikey	399-1095-2-ND
	1	C8	Standard	CAP CER 10000PF 10V 5% U2J 0603,Digikey 490-8296-2-ND		603	0.01u	Digikey	490-8296-2-ND
	1	J1/J3	Standard	M/F CONN HEADER .100 DOUBLE STR 20POS		0.100 inch x 2 x 10		MLE	CRD-081413-G-A
	1	J2/J4	Standard	M/F CONN HEADER .100 DOUBLE STR 20POS		0.100 inch x 2 x 10		MLE	CRD-081413-G-A
	2	R1, R2	Standard	RES 0.0 OHM 1/8W 0805 SMD,Digikey 311-0.0ARTR-ND		805	0	Digikey	311-0.0ARTR-ND
	2	R3, R4	Standard	RES 33 OHM 1/10W 1% 0603 SMD, Digikey 311-33.0HRTR-ND		603	33	Digikey	311-33.0HRTR-ND
	2	R5, R6	Standard	RES 2.2K OHM 1/10W 1% 0603 SMD,Digikey 311-2.20KHRTR-ND		603	2.2K	Digikey	311-2.20KHRTR-ND
	1	R7	Standard	RES 10K OHM 1/10W 1% 0603 SMD ,Digikey 311-10.0KHRTR-ND		603	10k	Digikey	311-10.0KHRTR-ND
	1	U1	TI	IC SENSOR AMBIENT LIGHT USON6	OPT3001DNPR			TI	296-40474-2-ND
	1	U2	Bosch	BOSCH SENSORTEC BOARD MOUNT MAGNETIC SENSOR WLCSP-12	BMM150			Mouser	
	1	U3	Bosch	BOSCH SENSORTEC INERTIAL MEASUREMENT UNIT LGA-14	BMI160			Mouser	
	1	U4	Bosch	BOSCH SENSORTEC BOARD MOUNT HUMIDITY SENSOR LGA-8	BME280			Mouser	
	1	U5	TI	IC SENSOR THERMOPILE 8DSBGA	TMP007AIYZFR			TI	296-40675-2-ND