

# Cosmonode\_ext\_01

Reference	Value	Footprint
J3	CONN_01X07	Pin_Headers:Pin_Header_Straight_1x07_Pitch2.54mm
J5	CONN_01X07	Pin_Headers:Pin_Header_Straight_1x07_Pitch2.54mm
U1	TSL2561T(6P-3.8X2.6MM)	TSL2561T_6P-3.8X2.6MM_:TMB6-1.55-3.8X2.6MM
U2	BMP180	BMP180:BMP180
U3	SI7020-A20-YM0R	SI7020-A20-YM0R:SON100P300X300X80-7N
C1	100nF	Capacitors_SMD:C_0603_HandSoldering
R1	4.7k	Resistors_SMD:R_0603_HandSoldering
C3	100nF	Capacitors_SMD:C_0603_HandSoldering
C2	100nF	Capacitors_SMD:C_0603_HandSoldering
C4	100nF	Capacitors_SMD:C_0603_HandSoldering
J1	GS2	Connectors:GS2
J2	GS3	Connectors:GS3
J9	GS3	Connectors:GS3
J7	GS3	Connectors:GS3
J8	GS3	Connectors:GS3

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Datasheet	Price	Package	MF	Availability
TSL2561T	2.50 USD	None	TAOS	Good
Sensor Pressure Abs	None	None	Bosch Sensortec	Unavailable
SI7020-A20-YM0R	3.20 USD	DFN-6 Silicon Labs	Silicon Labs	Unavailable

Description

MP

Light to Digital Converters Light to Digital with I2C

BMP180

Digital Temperature/Humidity Sensor 6-Pin DFN T/R