Santa Cruz (MAXREFDES23#) BOM

Designation	Qty	Description
C1, C2	2	CAP CER 1UF 50V 10% X7R (0603) Taiyo Yuden UMK107AB7105KA-T
C3,C4B,C5,C7,C10,	5	CAP CER 0.1UF 16V 10% X5R (0201) TDK C0603X5R1C104K030BC
C8,C9	2	CAP CER 15PF 50V 5% NP0 (0201) TDK C0603C0G1H150J030BA
C4A,C6	2	CAP CER 1UF 6.3V 20% X5R (0201) TDKC0603X5R0J105M030BC
CN1	1	M12-A 4-pin Male connector (M12_Edge) Binder 09-0431-212-04
CN2	1	8-pin Female connector (2x4x1.27) Samtec CLP-104-02-G-D
CV5	1	CAP CER 1UF 10V 10% X5R (0402) TDK C1005X5R1A105K
D1, D2	2	36V TVS Diode with 55V clamp (3 SOT23) Semtech SDC36C.TCT
D5	1	Yellow 1mA Led, (0402) Rohm SML-P12YTT86
D6	1	Red 1mA Led, (0402) Rohm SML-P12UTT86
D7	1	Green 1mA Led, (0402) Rohm SML-P12PTT86
R0A	1	0 Ohm resistor 50V (0402) 0.125W Vishay/Dale CRCW04020000Z0EDHP
R1	1	1 Ohm 1% resistor 50V (0402) 0.125W / 353mA max Vishay/Dale CRCW04021R00FKEDHP
R2, R3	2	20k Ohm 5% resistor (0402) 0.1W / 2.2mA max
R4	1	1.5k Ohm 5% resistor (0201) 0.05W / 5.7mA max

R7,R8	2	10k Ohm 5% resistor (0201) 0.05W / 2.2mA max
RV5	1	10 Ohm 1% resistor (0402)
RVP	1	10 Ohm 1% resistor 50V (0402) 0.125W / 111mA max Vishay/Dale CRCW040210R0FKEDHP
U1	1	IO Link Device Transceiver (25 WLP) Maxim MAX14821EWA+
U2	1	Low Power uC (25 WFLGA) Renesas R5F10E8EALA#U0
Y1	1	18.432MHz Crystal (4 SMD) Mercury X22-18.432-12-30/30/4085
PCB1	1	Assembled PC board: Half Moon Bay (MAXREFDES26#) Sensor board shaped like a half moon (THIS BOARD CANNOT BE ORDERED SEPARATELY)
PCB2	1	PC board: Santa Cruz (MAXREFDES23#) IO Link Light Sensor

All components not listed above are not installed.