

Bill of Materials

TI DESIGNS



TIDM-OPTICALWATERMTR

Designator	Value	Quantity	Description	DigiKey PN
R11, R21	1k Ω	2	0402 SMD Chip Resistor	311-1.0KJRCT-ND
R12, R22	100k Ω	2	0402 SMD Chip Resistor	311-100KJRCT-ND
R13, R23	1.5k Ω	2	0402 SMD Chip Resistor	311-1.5KJRCT-ND
R14, R24	1M Ω	2	0402 SMD Chip Resistor	311-1.0MJRCT-ND
R16, R26	100 Ω	2	0402 SMD Chip Resistor	311-100JRCT-ND
R17, R27	300 Ω	2	0402 SMD Chip Resistor	311-300JRCT-ND
R15, R25		0	DNI	
C1	100nF	1	0402 SMD Chip Capacitor	490-3261-1-ND
C2	10uF	1	0805 SMD Chip Capacitor	490-3886-1-ND
Q1, Q2, Q3, Q4	MMBT3906	4	PNP BJT Transistor	MMBT3906FSCT-ND
U1, U2	QRE1113GR	2	Reflective Optical Sensor	QRE1113GRCT-ND
ESI	SFH11-PBPC-D08-ST-BK	1	Connector	S9196-ND

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