



# Bill of Materials

TI DESIGNS

TIDM-1004

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	Alternate Part	PCB Footprint	Note
02-07610	1	C1	100nF	CAPACITOR, CERAMIC X7R, 100nF, 6.3V, -10%	MURATA	GRM155R70J104KA01D		0402	
15-01023	1	CR1	LPL296-J2L2-25	OPTO, LED, GREEN COLOR, 562nm, 0.02A, 0.0	OSRAM	LP L296-J2L2-25		0603	
15-01169	1	CR2	LS L296-P2Q2-1	OPTO, LED, SUPER RED COLOR, 630nm, 1.8V	OSRAM	LS L296-P2Q2-1		0603	
DNM	0	FIDU1 FIDU2 FIDU3	DNM	DNM					
06-04997	2	J1 J2	SSQ-110-23-L-D	CONNECTOR, HEADER, FEMALE, STRAIGHT, 2	SAMTEC	SSQ-110-23-L-D			
DNM	0	LBL1	DNM	DNM					
DNM	0	LBL2	DNM	DNM					
19-00498	1	M1	SNT-100-BK-G	MECHANIC, SHUNT, CURRENT RATING 4.3A P	SAMTEC	SNT-100-BK-G			
DNM	0	MH1 MH2 MH3	DNM	DNM					
06-05037	1	P2	BB02-HC021-KB1-603000	CONNECTOR, HEADER, MALE, STRAIGHT, 1 R	GRADCONN	BB02-HC021-KB1-603000			
06-00166	1	P20	FTSH-105-01-F-DV-K	CONNECTOR, HEADER, MALE, STRAIGHT, 10	SAMTEC	FTSH-105-01-F-DV-K			
01-22345	1	R5	180	RESISTOR, THICK FILM, 180, -5%/+5%, 0.063W	VISHAY	CRCW0402180RJNED		0402	
01-22346	1	R6	220	RESISTOR, THICK FILM, 220, -5%/+5%, 0.063W	VISHAY	CRCW0402220RJNED		0402	
DNM	0	R7 R8 R10 R11 R12 R18 R	DNM	DNM	DNM	DNM		DNM	
01-20043	4	R9 R13 R17 R20	0	RESISTOR, THICK FILM, 0, 0R/+0.02R, 0.1W, 7	VISHAY	CRCW06030000Z0EC		0603	
DNM	0	R16	DNM	DNM	DNM	DNM		DNM	
DNM	0	R21 R22 R23	DNM	DNM	DNM	DNM		DNM	
DNM	0	R25 R26 R27	DNM	DNM	DNM	DNM		DNM	
18-33003	1	U2	CC2650MODAMOH	IC, MICROCONTROLLER, CUSTOM, MODULE2	TEXAS INSTRUMENT	CC2650MODAMOH			
DNM	0	U3	DNM	DNM	DNM	DNM		DNM	