

### Locomotive Motion Sensor BOM

RefDes	Value	Name	Manufacturer	Pattern	Qty
C1	33uf 25V	T491A106K010AT	Kemet	CAPAE-6.6x6.6h5.4	1
C2	1uf 35V	TCA1A226M8R	Rohm	CAP_0805	1
C3	0.1	CC0603ZRY5V9BB104	Yageo	CAP_0805	1
CON1		10-pin header		HDR10 2.54/1.0	1
D1, D3	100ma	1SS355	Rohm	SOD-323F	2
D2	15V	MMSZ5245B	M.C.C.	SOD-123	1
K1	Relay	IM06DG	TE Connectivity	GN-A	1
Q1		IRLML2060TRPBF	IR	SOT23	1
R1	4.7k	RC0805FR-074K7L	Yageo	RES_0805	1
R2	1k	RC0805JR-071KL	Yageo	RES_0805	1
R3	1Meg	RC0805FR-071ML	Yageo	RES_0805	1
R4	47K	RC0805JR-0747KL	Yageo	RES_0805	1
VO1		LTV-8141S	Lite-On	4-SMD Opto	1