![Texas Instruments]

Bill of Materials

TI DESIGNS

TIDEP0073
PRU PID TI DESIGN

Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer Part Number	PCB Footprint
1	2	D1,D2	LED	LED RED DIFF 3MM ROUND T/H	Rohm Semiconductor	SLR-343VRT32	2DIN
2	2	P8,P9	Male Header 2x23	CONN HEADER MALE 46PS.1" DL GOLD	--	--	HDR2x23
3	2	R1,R2	150R	RES 150 OHM 1/4W 1% AXIAL	Yageo	MFR-25FBF52-150R	2DIN
4	1	R3	270R	RES 270 OHM 1/4W 1% AXIAL	Yageo	MFN-25FRF52-270R	2DIN
5	1	U1	DRV8833 Carrier	DRV8833 Dual Motor Driver Carrier Board	Pololu	DRV8833 Carrier Board	16DIN
6	1	M1	Motor	Gear Motor	Sparkfun	ROB-11696	NA
7	2	E1,E2	Encoder	Wheel Encoder	Sparkfun	ROB-12629	NA