

3D ROMAP

3D ROMAP						
Assembly Name : 3D SLAM Rover						
Assembly Number : CECS-490-A						
Assembly Revision : A						
Approval Date : 2018-04-06						
Part Count : 5						
Total Cost : \$408.68						
Part #	Part Name	Description	Qty	Picture	Unit Cost	Cost
900-82180-0001-000	NVIDIA Jetson TX1	GPU accelerated embedded dev brd	1		\$350.00	\$350.00
N/A	Xbox Kinect	Xbox 360 Kinect	1		\$15.00	\$15.00
SEN-13167	LiDAR Lite V1	100Hz first generation, PulsedLight LiDAR Lite distance sensor	1		\$0.01	\$0.01
EK-TM4C123GXL	TI Tiva C Launchpad	ARM Cortex M4 Microcontroller Unit	1		\$12.00	\$12.00
17HS13-0404S1	Nema 17 Stepper Motor	26Ncm (38.6oz.in) 0.4Amp 4 pin stepper motor	1		\$11.99	\$11.99
A4988	Stepper Motor Driver	Stepper motor driver for Nema stepper motor	1		\$2.00	\$2.00
CM-LPC24A	Losgjaif 22m 12 Circuit Slip Ring	Slip joint ring for rotating parts	1		\$17.68	\$17.68
					Total:	\$408.68