





Allenkey

Allen MB

Allen MA

Gripper

Solenoid

H.M.R. Designs

Left Gripper

Right Gripper

IMU

encoder

LS_Auger/L1_up

LS_Auger/L2_up

LS_Auger/L2_up

LS_Auger/L1_up

Allen MA

Allen MB

gnd

M+

M-

5V

gnd

EA

EB

Drain

Drain

gnd

sda

scl

5V

grip/tray_right_ep

grip/tray_right_ep

grip/tray_left_ep

grip/tray_left_ep

grip_ep

grip_ep

grip_M-

grip_M-

grip_M+

grip_M+

grip_M+

gnd

5V

Comment	Description	Designator	Footprint	LibRef	Quantity
bno			BNO	bno	1
mountinghole_np		1, 2, 3, 4	np_mountinghole	mountinghole_np	4
110990030	GROVE 2MM 4PIN VERT CONN 10PCS	J1	SEEED_110990030	110990030	1
XT60-M	Plug; DC supply; XT60; male; PIN: 2; for cable; soldered; 30A; 500V	J2, J3	AMASS_XT60-M	XT60-M	2
XT30PB	Connector	J4, J5, J6, J7, J8, J9	XT30PB	XT30PB	6
Header 6	Header, 6-Pin	P3, P4, P6	HDR1X6	Header 6	3
Header 10X2	Header, 10-Pin, Dual row	P5	HDR2X10	Header 10X2	1