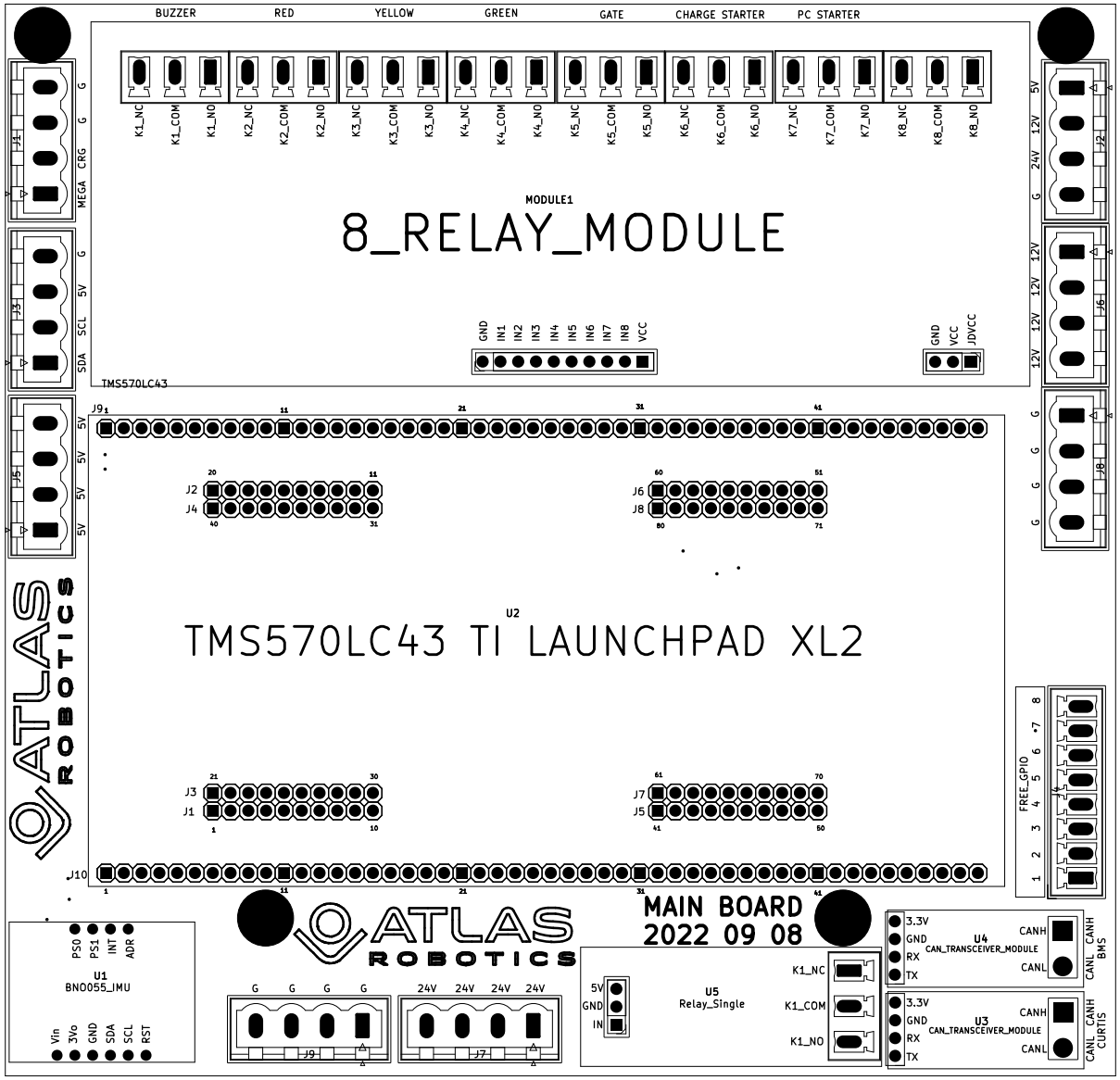
BUZZER
RED
YELLOW
GREEN
GATE
CHARGE STARTER
PC STARTER
K1_NC K1_COM K1_NO K2_NC K2_COM K2_NO K3_NC K3_COM K3_NO K4_NC K4_COM K4_NO K5_NC K5_COM K5_NO K6_NC K6_COM K6_NO K7_NC K7_COM K7_NO K8_NC K8_COM K8_NO
MODULE1
8_RELAY_MODULE
GND IN1 IN2 IN3 IN4 IN5 IN6 IN7 IN8 VCC
GND VCC JDVCC
TMS570LC43
J4 G G CRG MEGA
J3 G 5V SCL SDA
J5 5V 5V 5V 5V
J2 5V 12V 24V G
J6 12V 12V 12V 12V
J8 G G G G
J9
J10
J2
J4
J6
J8
J3
J1
J7
J5
U2
TMS570LC43 TI LAUNCHPAD XL2
FREE_GPIO
ATLAS ROBOTICS
MAIN BOARD
2022 09 08
U1
BNO055_IMU
PS0 PS1 INT ADR
Vin 3Vo GND SDA SCL RST
G G G G
J9
24V 24V 24V 24V
J7
5V GND IN
U5
Relay_Single
K1_NC
K1_COM
K1_NO
U4
CAN_TRANSCEIVER_MODULE
3.3V GND RX TX
CANH CANL
CANH CANL BMS
U3
CAN_TRANSCEIVER_MODULE
3.3V GND RX TX
CANH CANL
CANH CANL CURTIS