Sheet: CAN1 Sheet: CAN2 Sheet: VoltageReg
Vin\_SEND
VIN\_SEN
File: VoltageReg.sch CAN\_TX CAN1\_TX
CAN\_RXD CAN1\_RX CAN\_TX CAN2\_TX
CAN\_RXDCAN2\_RX File: CAN\_IDC.sch File: CAN\_PH.sch Sheet: dji\_power PWR\_ON d PWR\_ON d I\_SEND VOUT\_SEND Sheet: RS485 Sheet: AT24C64 TXC RS485\_TX RS485\_TX RS485\_RX RS485\_TXEN File: RS485.sch SCL SCL File: dji\_power.sch File: AT24C64.sch File: 24V\_2IN\_2OUT.sch Sheet: MCU

RS485\_TX
QUART4\_TX
RS485\_RX
DUART4\_RX
RS485\_TXEN
QUART4\_TXEN Sheet: USB

VBUSD VBUS\_SEN USB\_DM O USB\_DM USB\_DP♦ ♦USB\_DP File: USBC\_UFP.sch CAN1\_TX CAN1\_RX CAN1\_RX CAN2\_TX CAN2\_RX CAN2\_RX OUT1 GPIO\_OUT1
OUT2 GPIO\_OUT2
PWR\_ON GACTUATOR\_PWR IN1 IN2 GPIO\_IN2 Control DJI to steer active caster module Designed by: Jeff Lai HKU M2 Robocon Studio Sheet: / File: AbsoluteEncoderBoard.sch Title: DJI Encoder Shield Size: A4 Date: 2020-11-08 Rev: R01 KiCad E.D.A. kicad 5.1.9-73d0e3b20d88ubuntu20.04.1 ld: 1/10

















