## **SLIP RING** TEENSY 3.1 VNH3SP30 VIN 3.3V VBAT GND 0/RX1/T 1/TX1/T 1IN\_A 1IN\_B 1PWM 3/CAN-TX/PWM 4/CAN-RX-PWM OUT\_1A 5/PWM 6/PWM PGM OUT\_1B 7/RX3 GND(-) 8/TX3 AGND 9/RX2/PWM VIN(+) SR\_7->BASE->INTERRUPT\_A SLIP\_RING 10/TX2/PWM 11/MOSI A14/DAC OUT\_2A 8\_2A 8 12/MISO 3 3\_6A 13/SCK/LED OUT\_2B 15/A1/T 16/A2/T 17/A3/T 10\_2A 10 11\_2A 11 18/A4/T/SDA0 19/A5/T/SCL0 L3 / BASE 12\_2A 12\_ BASE\_B->SR\_6 20/A6/PWM 21/A7/PWM OUT\_1A 22/A8/T/PWM 23/A9/T/PWM OUT\_1B GND(-) TEENSY\_3.1\_BASIC OUT\_2A BASE\_A->SR\_5 2IN\_B 2IN\_A 2DIAG/EN OUT\_2B BASE\_B->SR\_6 LINEAR ACTUATORS **BASE MOTOR** MC33926 VDD YELLOW WIPER GND WHITE L2\_A BLACK +5V VDD YELLOW M2\_OUT2 CH\_A M2\_OUT1 GND WHITE VIN(5-28V) SLEW GND L3\_A BLACK M1PWM'/D1 M1\_OUT2 L3\_B RED M1\_OUT1 VDD YELLOW GND WHITE GND TITLE: Arm\_Schematic **Document Number:**

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