SLIP RING TEENSY 3.1 VNH3SP30 0/RX1/T 1/TX1/T VIN 3.3V VBAT GND 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 USB D+ 15/A1/T 16/A2/T 17/A3/T 18/A4/T/SDA0 19/A5/T/SCL0 L3 / BASE 12_2A <u>12</u> 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:** REV:

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