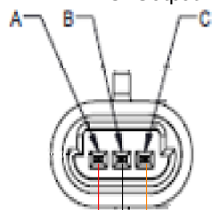


Pedal Position Sensor

Pin A: +5V
Pin B: Ground
Pin C: Output



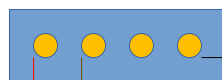
Throttle Position Sensor

Pin 3: Ground
Pin 4: +5V
Pin 5: TPS Output



Axle Input Shaft Speed Sensor

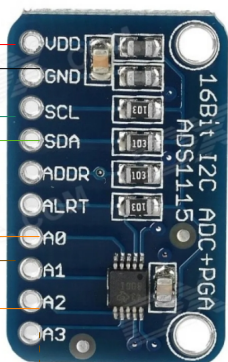
Pin 1: +5V
Pin 2: Output
Pin 4: Ground



NEMA17 Stepper Motor

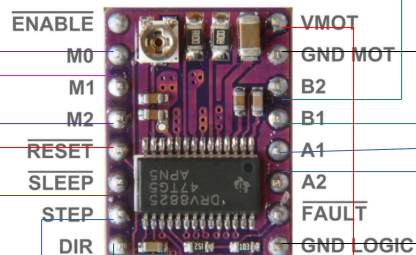


ADS1115 Analog to Digital Converter



Pedal Switch Output

DRV8825 Stepper Motor Driver



Capacitor



Pin#	NAME	NAME	Pin#
01	3.3v DC Power	DC Power 5v	02
03	GPIO02 (SDA1, I ² C)	DC Power 5v	04
05	GPIO03 (SCL1, I ² C)	Ground	06
07	GPIO04 (GPIO_GCLK)	(TXD0) GPIO14	08
09	Ground	(RXD0) GPIO15	10
11	GPIO17 (GPIO_GEN0)	(GPIO_GEN1) GPIO18	12
13	GPIO27 (GPIO_GEN2)	Ground	14
15	GPIO22 (GPIO_GEN3)	(GPIO_GEN4) GPIO23	16
17	3.3v DC Power	(GPIO_GEN5) GPIO24	18
19	GPIO10 (SPI_MOSI)	Ground	20
21	GPIO09 (SPI_MISO)	(GPIO_GEN6) GPIO25	22
23	GPIO11 (SPI_CLK)	(SPI_CE0_N) GPIO08	24
25	Ground	(SPI_CE1_N) GPIO07	26
27	ID_SD (I ² C ID EEPROM)	(I ² C ID EEPROM) ID_SC	28
29	GPIO05	Ground	30
31	GPIO06	GPIO12	32
33	GPIO13	Ground	34
35	GPIO19	GPIO16	36
37	GPIO26	GPIO20	38
39	Ground	GPIO21	40

