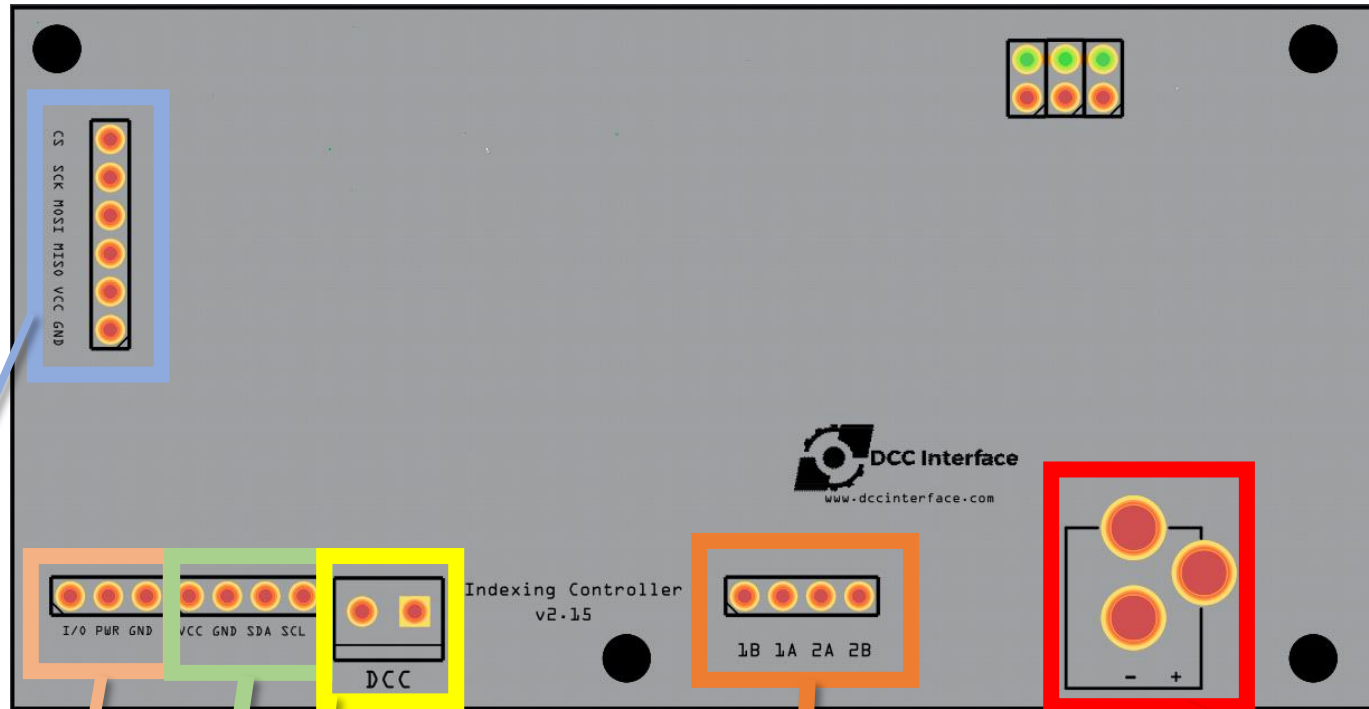


Connection Guide v2.15



Pin Name	Category	Description
CS	SD Card (SPI Interface)	Chip Select
SCK	SD Card (SPI Interface)	Clock Signal
MOSI	SD Card (SPI Interface)	Data In
MISO	SD Card (SPI Interface)	Data Out
VCC	SD Card (SPI Interface)	+5v
GND	SD Card (SPI Interface)	Ground
I/O	Home Sensor	Digital Pin Interrupt (Usually Hall Sensor Signal) Labelled S on Hall Sensor
PWR	Home Sensor	+5v
GND	Home Sensor	Ground
VCC	Key Pad / EEPROM (I2C Interface)	+5v
GND	Key Pad / EEPROM (I2C Interface)	Ground
SDA	Key Pad / EEPROM (I2C Interface)	SDA Connection for I2C Bus
SCL	Key Pad / EEPROM (I2C Interface)	SCL Connection for I2C Bus
DCC	DCC Feed	DCC Feed from Main DCC Bus
DCC	DCC Feed	DCC Feed from Main DCC Bus
1B	Stepper Motor	Stepper Motor Coil 1 (Pin 1 on Stepper Motor Connection - Usually Black)
1A	Stepper Motor	Stepper Motor Coil 1 (Pin 2 on Stepper Motor Connection - Usually Green)
2A	Stepper Motor	Stepper Motor Coil 2 (Pin 3 on Stepper Motor Connection - Usually Red)
2B	Stepper Motor	Stepper Motor Coil 2 (Pin 4 on Stepper Motor Connection - Usually Blue)
	Power Supply	2.1mm Bullet Power - Connector centre pin positive (+), outer collar negative (-)
	Power Supply	2.1mm Bullet Power - Connector centre pin positive (+), outer collar negative (-)