

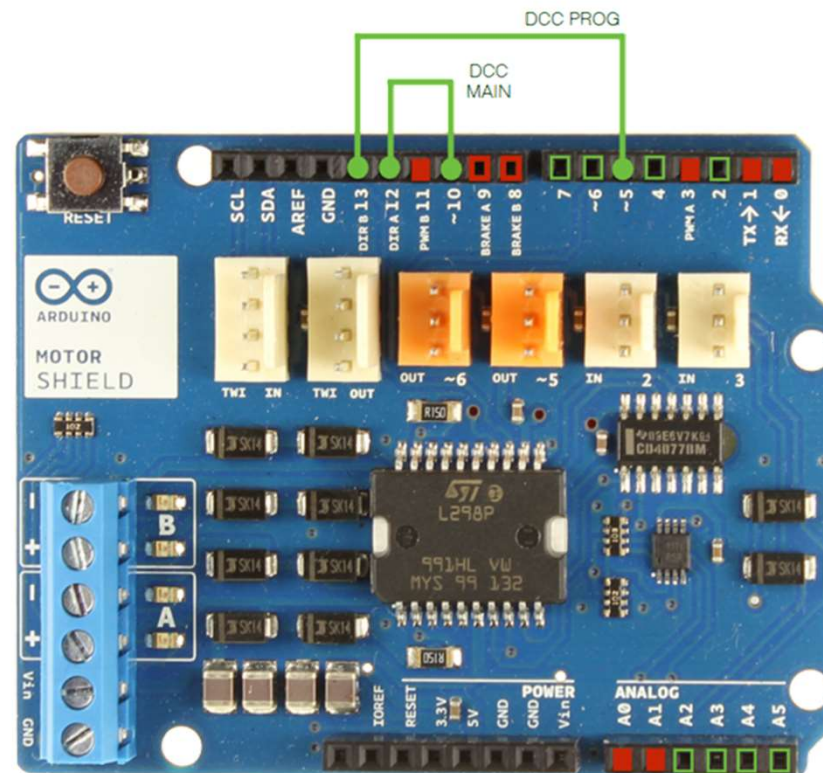
# DCCpp centrale Arduino motor shield L298

Blz. 1 van 3

Pinbezetting voor Arduino Uno met het motor shield:

DCC++ Base Station Signal Name	Arduino Motor Shield
SIGNAL_ENABLE_PIN_MAIN	3
SIGNAL_ENABLE_PIN_PROG	11
CURRENT_MONITOR_PIN_MAIN	A0
CURRENT_MONITOR_PIN_PROG	A1
DCC_SIGNAL_PIN_MAIN	10
DCC_SIGNAL_PIN_PROG	5
DIRECTION_MOTOR_CHANNEL_PIN_A	12
DIRECTION_MOTOR_CHANNEL_PIN_B	13 </td

- Jumper Wire
- Pin Available for Custom Use
- Pin Reserved for DCC++ System
- Pin Reserved for DCC++ System, Unless Brake Traces Cut on Back Board



\*cutting V-IN Connect trace on back of board is recommended

## Pinbezetting voor Arduino Mega met het motor shield:

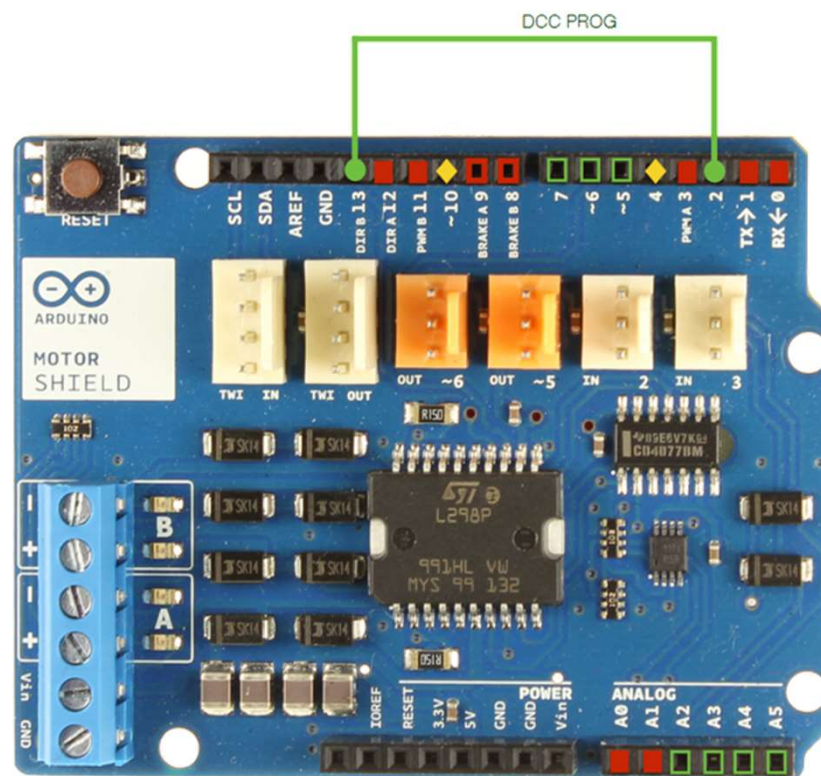
DCC++ Base Station Signal Name	Arduino Motor Shield
SIGNAL_ENABLE_PIN_MAIN	3
SIGNAL_ENABLE_PIN_PROG	11
CURRENT_MONITOR_PIN_MAIN	A0
CURRENT_MONITOR_PIN_PROG	A1
DCC_SIGNAL_PIN_MAIN	12
DCC_SIGNAL_PIN_PROG	2
DIRECTION_MOTOR_CHANNEL_PIN_A	12
DIRECTION_MOTOR_CHANNEL_PIN_B	13

- Jumper Wire
- Pin Available for Custom Use
- Pin Reserved for DCC++ System
- Pin Reserved for DCC++ System, Unless Brake Traces Cut on Back Board
- ◆ Pin Reserved if using Arduino Ethernet Shield or WiFi Shield; Otherwise Pin is Available for Custom Use

Programming Track ←

Main Ops Track ←

DC Power Supply\* →



\*cutting V-IN Connect trace on back of board is recommended

## Aanbevolen wijzigingen aan het motor shield:

### Brake Disable

Normally, pins 8 and 9 control the braking feature of motors connected to the output pins of the Arduino Motor Shield. This functionality is not applicable for DCC++ and pins 8 and 9 must be left open or always set LOW.

*Cut these traces to disable the brake control circuit and thereby free up pins 8 and 9 for your own custom use.*

### V-IN Connect

Normally, DC Voltage supplied to the input terminals of the Arduino Motor Shield will be passed through to the Uno or Mega as well.

*Cut this trace to break the linkage.*

**Highly recommended** if you are using more than 12V to power the Arduino Motor Shield outputs.

