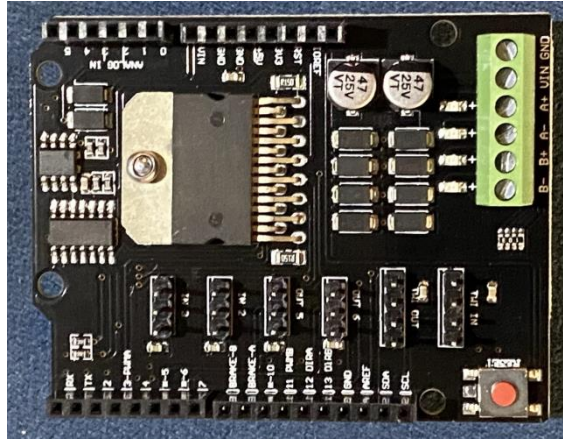


JTElectronics Arduino Motor Shield

Model: JTEMOT1



The JTEMOT1 is a standard “Arduino Motor Shield R3” with the L298HN IC in its horizontal MultiWatt15 package providing far better thermal performance than other shields that use this IC in its PowerSO20 package.

Other sources of these motor shields often provide header pins that are only 0.3mm thick which bend very easily and provide an unreliable connection to the lower microcontroller shield. We ensure the Arduino header pins are thick and strong and correctly specified to provide the most reliable connection when this motor shield is plugged into the lower microcontroller shield.

The motor shield can not only control motors - it can also be used to control lamps, or generate the complex power and data waveform used to control model trains using the DCC protocol.

SOFTWARE LINKS

Arduino Website with documentation <https://store-usa.arduino.cc/products/arduino-motor-shield-rev3>
DCC-EX Model Railroading <https://dcc-ex.com/>

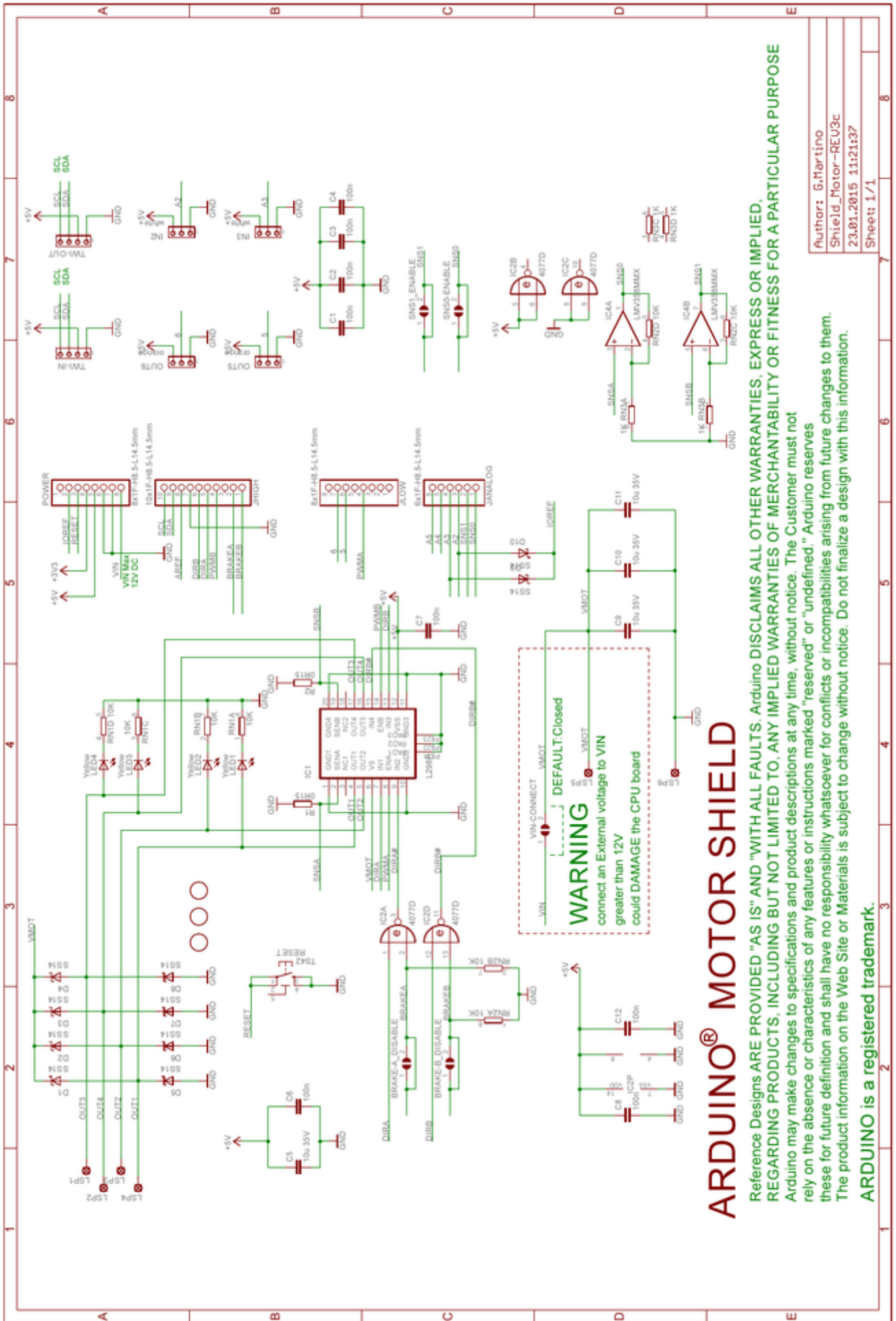
MODULE DIMENSIONS (APPROX)

LENGTH	70mm
WIDTH	54mm
HEIGHT	24mm

SPECIFICATIONS

Supply Power (Motor Section)	7 to 20 volts DC
Supply Voltage (Logic Section)	5 Volts DC
Motor Current	Up to 2 Amps per channel
Motor Channels	2

This document is updated from time to time as new information becomes available – usually due to people asking relevant questions regarding usage or configuration. The “Document Updated” date in the bottom-right corner of each page shows what document date you have. The latest version of this datasheet document can be downloaded from <http://www.jtelectronics.co.nz/products/documents/> or Google “JTEMOT1 PDF” ...



ARDUINO® MOTOR SHIELD

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Shield_Motor-REV3c
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