

2.0 MM160 Detailed Description

2.1 Introduction

The MM160 is a compact single axis bipolar 3.5A/phase stepper motor microstepping driver with step and direction inputs, DIP switch settable step mode (full, half, eight and sixteenth), torque (100%, 75%, 50%, 20%) and decay mode (0%, 25%, 50% and 100%). Optional 0R resistors can be installed to map M1,M2, RSTS and Enable signals from the TB6560 driver to connector J10.

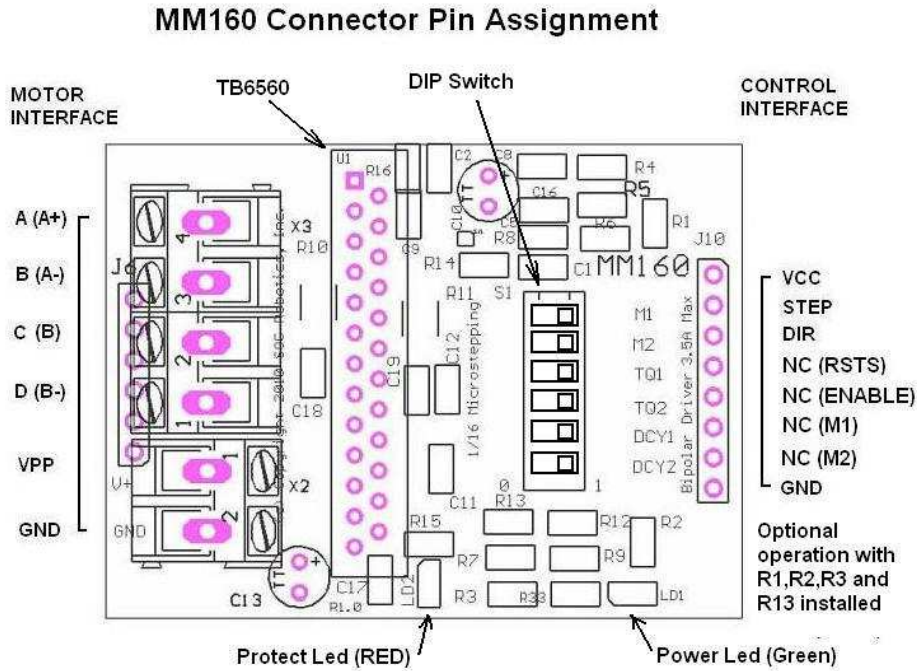


Figure 2-1. Connector pin assignments.

2.2 DIP Switch Settings

A DIP switch is used to set step mode (full, half, eight and sixteenth), torque (100%, 75%, 50%, 20%) and decay mode (0%, 25%, 50% and 100%). The diagram below shows the various settings, default setting is full step, 100% torque and no decay. When a DIP switch is set to “ON” the respective signal is pulled to ground.

