Table of Contents

1 Features 3
2 Order Codes 5
3 Mechanical and Electrical Interfacing 6
3.1

2 Order Codes

Order code	

3.3.1

3.3.3

4 Motor driver current

The on-

In addition to the settings in the table the motor current may be switched off completely (free-wheeling) using axis parameter 204 (see TMCM-3110 firmware manual).

5 Onboard LEDs

The board offers two LEDs in order to indicate board status. The function of both LEDs is dependent on

6

8 Functional Description

The TMCM-3110 is a highly integrated 3-axes controller and driver module with encoder inputs. It can be

9 Operational Description

9.1 Calculation: Velocity and Acceleration vs. Microstep and Fullstep Frequency

The values of the parameters sent to the TMC429 do not have typical motor values like rotations p ty like re9.96

11 Revision History

11.1 Document Revision

Version	Date	Author	Description
0.90	2012-SEP-26	GE	Preliminary version
[redacted]	[redacted]N-12	[redacted]	[redacted]