

## **Firmware Revision Info:**

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### **DMC-21x2/DMC-21x3 Controller**

#### ***New features for Rev 1.0q April 17, 2009 :***

- Added Stop Code 16 for stepper position error
- Added AQ support for DB-28040 Rev E and newer
- Added IK command for port blocking

#### ***New feature for Rev 1.0p December 22, 2007 :***

- No new features added

#### ***New features for Rev 1.0o October 3, 2005 :***

- Added Stepper Motor Position Maintenance Mode (<http://www.galilmc.com/support/appnotes/optima/note2445.pdf>)
- Added ECAM with two linear segments (<http://www.galilmc.com/support/appnotes/optima/note2444.pdf>)
- Modified AU command for AMP-20542

#### ***New features for Rev 1.0n July 6, 2004 :***

- Improved BS command for AMP-540
- Added ELO support. TA3 and CN operand added for abort input application program disable
- Added Ramp to Gearing based on position. Added GD command for Gearing Distance and \_GP returns lost distance
- Position Follower Mode added (PT command)

#### ***New features for Rev 1.0m December 18, 2003 :***

- Set criteria of two SPI data reads for valid data
- Added second field to AE command
- Added DR command
- Added prompt hold off until carriage return
- Added TC-1 to transmit first error during prompt hold off

- Optimized cornering motion profile

***New features for Rev 1.0l June 27, 2003 :***

- Added AUTOERR special label
- Added \_RS operand
- Added RS-1 function
- Added ~a to ~h operand
- Added AG, AU, AW, BR, QH and TA commands for amp540
- Added terminal commands for dmc21x2/3 via port 1
- Added support for DB28040
- Added AE command for amp440
- Modify BS command for amp540
- Added TK command

***New features for Rev 1.0k October 1, 2002 :***

- Added serial port hardware handshake timeout
- Added BK and SL commands to debug user application programs
- Added LC command to set stepper in low current mode via ampen
- Added GA interrogation

***New features for Rev 1.0j July 17, 2002 :***

- DMC-21x2 Controller Introduced