



Product Change Notification

PCN No: 2008-02-11-01

Report Date: June 10, 2008

Subject: GLC24064 PCB Rev 2.0

Firmware Version v5.8 Release

List of New / Changed Products:

All the following Graphic displays (and their variants):

GLC24064 PCB Rev 2.0

Reason for Change:

We are now implementing the intelligence of our GLC24064 graphic serial display via the ATmega164P (ported from ATmega16). This represents the standardization of our line, and increased supply assurance. An I2C feature enhancement is also added.

Product Change:

The following list of firmware changes are all effective on all the variants of the graphic displays as stated under 'List of New / Changed Products'.

Firmware Changes:

Display	New Firmware Version
GLC24064 PCB Rev 2.0	v5.8

New Released Firmware v5.8:

- 1) Minor register differences on the ATmega164P and the ATmega16 result in minor changes on the code for the porting of the GLC24064 to the ATmega164P MCU.
- 2) For I2C implementation only - The GLC24064 now temporarily disconnects itself from the I2C bus when it is busy processing data or

when the display's buffer is full.

Schedule of Change:

May 16, 2008

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	June 10/08	R Malinis
1.1	Change Explanation	July 22/08	T Clark

Contact Information:

Clare Wagner (Sales Manager): cwagner@matrixorbital.ca

Reference Documents/Attachments:

Location: <http://www.matrixorbital.ca/manuals/>

Approvals:

Engineering: **James McTavish (Engineering Coordinator)**

Sales: **Clare Wagner (Sales Manager)**

Production: **Mike McTavish (Production Manager)**