



Product Change Notification

PCN No: 2008-02-11-03

Report Date: June 10, 2008

Subject: GLK240128-25 PCB Rev 1.1

Firmware Version v5.8 Release

List of New / Changed Products:

All the following Graphic displays (and their variants):

GLK240128-25 PCB Rev 1.1

Reason for Change:

We are now implementing the intelligence of our GLK240128-25 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
GLK240128-25 PCB Rev 1.1	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 GLK240128-25 to the ATmega164P MCU.
- 2) For I2C implementation only - The GLK240128-25 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:

June 10, 2008

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	June 10/08	R Malinis
1.1	Reason 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)**