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## Product Change Notification

**PCN No: 2008-02-11-02**

**Report Date: June 10, 2008**

**Subject: GLK24064-25 PCB Rev 2.0**

**Firmware Version v5.8 Release**

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### List of New / Changed Products:

All the following Graphic displays (and their variants):

GLK24064-25 PCB Rev 2.0
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### Reason for Change:

We are now implementing the intelligence of our GLK24064-25 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
GLK24064-25 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 GLK24064-25 to the ATmega164P MCU.
- 2) For I2C implementation only - The GLK24064-25 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	Change Explanation	July 22/08	T Clark

**Contact Information:**

**Clare Wagner (Sales Manager):** [cwagner@matrixorbital.ca](mailto: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)**