Product Change Notification

PCN No: 2007-12-11-01
Report Date: December 11, 2007
Subject: Serial (I^{2}C Capable) Alphanumeric and Graphic displays
New Firmware Version Release

List of New / Changed Products:

All the following displays (and their variants):

Alphanumeric Displays		
MOS / MOI Series	X-Board S / I Series	LCD0821
LCD2041	LK162-12	LK202-25
LK204-25	LK402-25	LK404-25
VK162-12	VK202-25	VK204-25
Graphic Displays		
GLK12232-25-SM PCB Rev 2.0	GLC24064	GLK24064-25
GLK240128-25	GLK24064-16-1U	GLK19264-7T-1U
Variants:		
-V, -VPT, -E, and all colours		

Reason for Change:

A firmware upgrade has been implemented to fix a firmware issue on I^{2}C implementation of the displays.

Product Change:

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

Firmware Changes:

Display	New Firmware Version
Alphanumeric Displays	
MOS Series, MOI Series	v5.7
X-Board S, X-Board I	v5.7
LCD0821	v6.0
LCD2041	v6.0
VFD2041	v6.0
LK162-12	v5.6
VK162-12	v5.6
LK202-25	v6.1
VK202-25	v6.0
LK204-25	v6.0
VK204-25	v6.0
LK402-25	v5.5
LK404-25	v5.6
Graphic Displays	
GLK12232-25-SM PCB Rev 2.0	v5.7
GLC24064 / GLK24064-25	v5.6
GLK240128-25	v5.7
GLK24064-16-1U	v5.8
GLK19264-7T-1U	v5.9

Schedule of Change:

December 11, 2007

New Released Firmware (released Dec 11, 2007):

1) In I^{2}C, when the display NAKs (not acknowledge) a byte because its data buffer is full, the host is expected to re-send the byte that was NAK'd. What has been found is that some of the NAK'd bytes actually get into the data buffer, when it is NOT supposed to.

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	December 11/07	R Malinis

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Reference Documents/Attachments:

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

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