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## **Product Change Notification**

**PCN No: 2007-09-25-01**

**Report Date: September 25, 2007**

**Subject: Parallel LCD (Alphanumeric and Graphic) Displays  
Backlight Life**

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### **Reason for Change:**

The parallel LCD displays have gone through a backlight life audit, which yielded to changes in the backlight current limiting resistors used in the displays.

Because of these changes, customers will experience some comparative dimness in the display but can expect longer lasting backlight life.

### **Schedule of Change:**

October 2, 2007

## List of New / Changed Products:

Listed here are the parallel LCD displays and their new backlight current limiting resistors:

MO Parallel Displays - Part Numbers	Size	Colour	BL Resistor Values
<b>Alphanumerics 8x2</b>			
MOP-AL082B-BYFY-25J-3IN (black text)	8x2	YG	1 x 20
MOP-AL082B-BBTW-25J-3IN (white text)	8x2	WB	1 x 150
MOP-AL082B-BGFW-25J-3IN (blue text)	8x2	GW	1 x 150
MOP-AL082B-BBTR-25J-3IN (red text)	8x2	IR	1 x 27
MOP-AL082B-BTTY-25E-3IN (yellow text)	8x2	IY	1 x 20
<b>Alphanumerics 16x2</b>			
MOP-AL162A-BYFY-25E-3IN (black text)	16x2	YG	2 x 15
MOP-AL162A-BBTW-25E-3IN (white text)	16x2	WB	1 x 20
MOP-AL162A-BGFW-25E-3IN (blue text)	16x2	GW	1 x 20
MOP-AL162A-BBTR-25E-3IN (red text)	16x2	IR	2 x 27
MOP-AL162A-BTTY-25E-3IN (yellow text)	16x2	IY	2 x 20
<b>Alphanumerics 20x2</b>			
MOP-AL202C-BYFY-25E-3IN (black text)	20x2	YG	3 x 13
MOP-AL202C-BBTW-25E-3IN (white text)	20x2	WB	2 x 75
MOP-AL202C-BGFW-25E-3IN (blue text)	20x2	GW	2 x 75
MOP-AL202C-BBTR-25E-3IN (red text)	20x2	IR	3 x 20
MOP-AL202C-BTTY-25E-3IN (yellow text)	20x2	IY	3 x 13
MOP-AL202C-BFTB-25E-3IN (blue text)	20x2	FB	2 x 120
MOP-AL202C-BFTW-25E-3IN (white text)	20x2	FW	2 x 120
MOP-AL202C-BFTG-25E-3IN (green text)	20x2	FG	2 x 120
MOP-AL202C-BFTY-25E-3IN (yellow text)	20x2	FY	2 x 15
MOP-AL202C-BFTA-25E-3IN (amber text)	20x2	FA	2 x 120
<b>Alphanumerics 20x4</b>			
MOP-AL204A-BYFY-25E-3IN (black text)	20x4	YG	1 x 10
MOP-AL204A-BBTW-25E-3IN (white text)	20x4	WB	1 x 75
MOP-AL204A-BGFW-25E-3IN (blue text)	20x4	GW	1 x 75
MOP-AL204A-BBTR-25E-3IN (red text)	20x4	IR	2 x 15
MOP-AL204A-BTTY-25E-3IN (yellow text)	20x4	IY	1 x 10
<b>Alphanumerics 40x2</b>			
MOP-AL402A-BYFY-25E-3IN (black text)	40x2	YG	2 x 10
<b>Alphanumerics 40x4</b>			
MOP-AL404C-BYFY-25E-3IN (black text)	40x4	YG	6 x 11

<b>Graphics 240x64</b>			
MOP-GL24064A-BYFY-22N-3IY (black on green)	240x64	YG	4 x 6.2
MOP-GL24064A-BBTB-22N-3IY (white on blue)	240x64	WB	2 x 75
MOP-GL24064A-BGFW-22N-3IY (blue on white)	240x64	GW	2 x 75
<b>Graphics 240x128</b>			
MOP-GL240128D-BYFY-12N-3IY (black on green)	240x128	YG	5 x 4.7
MOP-GL240128D-BBTW-12N-3IY (white on blue)	240x128	WB	3 x 75
MOP-GL240128D-BGFW-12N-3IY (blue on white)	240x128	GW	3 x 75
<b>Graphics 122x32</b>			
MOP-GL12232D-BGFW-16N-3IY (blue on white) *	122x32	GW	user needs to supply backlight res
MOP-GL12232D-BBTW-16N-3IY (white on blue) *	122x32	WB	user needs to supply backlight res
MOP-GL12232B-BGFW-16N-3SN (blue on white) **	122x32	GW	user needs to supply backlight res

\* - the display backlight current limiting resistor needs to be supplied externally

\*\* - the display backlight current limiting resistor is default 0 Ohms on the display (R6)

## Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	Oct 10/07	R Malinis

## Contact Information:

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## Reference Documents/Attachments:

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

## Approvals:

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