



Product Change Notification

PCN No: 2013-01-04-01
Report Date: January 8, 2013
Subject: LK204-25 and VK204-25 PCB Rev 3.0 Population Changes

List of New / Changed Products:

All of the following 204-25 displays:

LK204-25-XX PCB Rev 3.0 (all voltage and temperature variants) VK204-25-XX PCB Rev 3.0 (all voltage and temperature variants)
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Reason for Change:

I²C standards suggest that I²C pull-up resistors are introduced on the I²C bus by the master device. Slave devices are not expected to have pull-up resistors. Matrix Orbital LK204-25-XX / VK204-25-XX display modules are I²C slave devices and therefore are not expected to introduce pull-up resistors on the I²C bus.

Product Change(s):

1. We are removing the 2 x 2.2k Ω pull-up resistors populated by default on our LK204-25-XX and VK204-25-XX PCB Rev 3.0s. For I²C mode only, users are expected to pull up the I²C lines on the master device.
2. At the same time, we are changing the backlight driver on our LK204-25-XX PCB Rev 3.0 for consistency among our display modules.

Schedule of Change:

January 9, 2013

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	January 8, 2013	R Malinis

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Reference Documents/Attachments:

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

Approvals:

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