



Product Change Notification

PCN No: 2008-05-13-01

Report Date: May 13, 2008

Subject: USB Displays Configuration / Programming Changes

List of New / Changed Products:

All the following displays (and their variants):

Alphanumeric Displays	
LK202-25-USB	VK202-25-USB
LK204-25-USB	VK204-25USB
MOU Series	X Board -U Series
Graphics Displays	
GLK19264-7T-1U-USB	
Variants:	
-V, -VPT, -E, and all colours	

Reason for Change:

1) Matrix Orbital is now using our own Vendor and Product ID (VIDs/PIDs) in order to have our own identity.

2) The USB devices listed above were configured incorrectly. The effects of the misconfiguration is only apparent when these displays are used with Linux. Please see [this](#) document for more details of this problem.

Schedule of Corrective Change:
April 2008

Product Change:

1) Here is the list of the new VIDs/PIDs of our new displays:

Vendor ID	Product ID	Product Description
0x1B3D	0x0155	LK202-25-USB
0x1B3D	0x0156	VK202-25-USB
0x1B3D	0x0157	LK204-25-USB
0x1B3D	0x0158	VK204-25-USB
0x1B3D	0x0127	GLK19264-7T-1U-USB
0x1B3D	0x012C	LK204-7T-1U-USB
0x1B3D	0x0153	MOU-Axxxx
0x1B3D	0x0154	XBoard -U series

2) Matrix Orbital has corrected the issue of '0 Max Packet Size'. We have updated the programmers at the factory so any new boards will have the proper packet size settings; such that this problem should not exist anymore in the future.

For Immediate Correction in the Field:

The packet size can be corrected by using mprog to write a new profile back into the chip. mprog can be found [here](#).

Documentation Revision

Revision	Changes	Date	Author
1.0	Initial Release	May 13/08	R Malinis

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Reference Documents/Attachments:

<http://www.matrixorbital.ca/appnotes/Linux/>

Approvals:

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