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## Product Change Notification

**PCN No:** 2014-07-15-01  
**Report Date:** July 17, 2014  
**Subject:** GTT43A PCB Rev 2.2.1 Release

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### List of New Products:

All the following graphic displays (and all their variants):

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| GTT43A-TPR-XXX-XX-XX-XX PCB Rev 2.0<br>GTT43A-TPR-XXX-XX-XX-XX PCB Rev 2.0.1 |
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### Reason for Change:

Matrix Orbital has upgraded the GTT43A with several changes to enhance the hardware. Please check out 'Product Change'.

### Schedule of Change:

August 30, 2015

### Product Change:

The following list of hardware changes is effective on all the variants of the graphic displays as stated under 'List of New / Changed Products'.

### Hardware Changes:

- A more robust connector is now used to connect the display to the interface board.
- A different power switcher is used to give the GTT43A-XXX-XXX-XX-XX-CU-V5 the capability to turn off when the host PC it is connected to goes to sleep or shuts down.
- A single SDRAM IC is now used to gain more PCB board space.
- The pin out for the GTT43A-XXX-XXX-XX-XX-C4-XX has been changed to unify with other GTT series. New pin out as follows:

| Pin | Function   |
|-----|------------|
| 1   | Vin        |
| 2   | Tx (A)     |
| 3   | Inv Tx (B) |
| 4   | Inv Rx (Z) |
| 5   | Rx (Y)     |
| 6   | Gnd        |

Please see the [manual](#) for in depth details.

## Documentation Revision

| Revision | Changes         | Date          | Author    |
|----------|-----------------|---------------|-----------|
| 1.0      | Initial Release | June 10, 2015 | R Malinis |

## Contact Information:

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## Reference Documents/Attachments:

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

## Approvals:

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