



uEZGUI-1788-43WQR, -BA Hardware Revision History



Revision	Change Summary
7.3	Change capacitor voltage in LCD circuit for increased reliability
7.2	Demo firmware change only – no hardware change
7.1	Change to default speaker load from buzzer
7.0	Add 32MB NOR Flash Support, option for LCD sleep signal (P1.31), change SMT speaker to SMT annunciator and add full PN in silkscreen
6.2	Change J3 to a DNL
6.1	Change LCD double faced tape to high temp version.
6.0	Add ESD protection components to reset signals. Change RTC battery diode to low drop version.
5.1	Change J10 to default to a load
5.0	Changed LCD since DG01 EOL. Added Host support for on-board USB connector. Corrected silk screen label swap.
4.0	Incorporate pervious ECOs. Change default MCU to LPC1788. Add alternate power and communications connector. Add USB Host circuitry. Changed backlight from pull up to pull down. Add optional DAC selection support, an alternate NOR Flash support. Add tag connect.
3.1	Changed J8 and R57 to load. Added jumper to correct TP connectivity in Rev 3.0 artwork.
3.0	Improved compatibility with uEZGUI 70. Added LPC1788 support. Added 2 nd expansion connector (20 pin). Added audio amp to speaker. Added optional off-board speaker and batter connectors (DNL). Changed LCD reset to software control. Changed ISP header to be loaded rather than DNL.
2.0	Increased mounting hole size. Changed Accelerometer. Removed status LEDs. Added heartbeat LED.
1.1	Update audio circuitry to optimize speaker performance.
1.0	Initial Release.

Revision 7.3 (ECO 15-010) 5/12/2015

ECO: [15-010 uEZGUI-1788-43WQR-BA Rev 7p3.pdf \[318KB\]](#)

Revision 7.2 (ECO 14-012) 5/23/2014

ECO: [14-012 uEZGUI-1788-43WQR-BA 7p2.pdf \[86KB\]](#)

Revision 7.1 (ECO 13-029) 10/30/2013

ECO: [13-029 uEZGUI-1788-43WQR Rev7p1.pdf \[150KB\]](#)

Revision 7.0 (ECO 13-021) 7/24/2013

ECO: [13-021 uEZGUI-1788-43WQR uEZGUI Rev7p0.pdf \[535kb\]](#)

Revision 6.2 (ECO 13-006) 2/22/2013



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ECO: [13-006 uEZGUI-1788-43WQR uEZGUI Rev6p2.pdf \[80kb\]](#)

Revision 6.1 (ECO 12-122) 11/07/2012

ECO: [12-122 uEZGUI-1788-43WQR uEZGUI Rev6p1.pdf \[82kb\]](#)

Revision 6.0 (ECO 12-119) 10/15/2012

Schematic: http://www.teamfdi.com/products/uEZGUI-1788-43WQR/sch/uEZGUI_4P3_SCH_6.pdf

ECO: [12-119 uEZGUI-1788-43WQR uEZGUI Rev6.pdf \[394kb\]](#)

Revision 5.1 (ECO 12-115) 8/20/2012

ECO: [12-115 uEZGUI-1788-43WQR uEZGUIRev5.1.pdf \[139kb\]](#)

Revision 5.0 (ECO 12-109) 6/20/2012

Schematic: http://www.teamfdi.com/products/uEZGUI-1788-43WQR/sch/uEZGUI_4P3_SCH_5.pdf

ECO: [12-109 uEZGUI-1788-43WQR uEZGUIRev5.pdf \[617kb\]](#)

Revision 4.0 (ECO 12-006) 3/08/2012

Schematic: http://www.teamfdi.com/products/uEZGUI-2478-43WQS/sch/UEZ_GUI_4P3_SCH_4.pdf

ECO: [12-006 uEZGUI-2478-43WQS uEZGUIRev4.pdf](#)

Revision 3.1 (ECO 11-093) 8/03/2011

ECO: [11-093 uEZGUI-2478-43WQS uEZGUIRev3p1.pdf](#)

Revision 3.0 (10-066) 4/01/2011

Schematic: http://www.teamfdi.com/products/uEZGUI-2478-43WQS/sch/UEZ_GUI_4P3_SCH_3.pdf

ECO: [10-066 uEZGUI-2478-43WQS uEZGUIRev3.pdf](#)

Revision 2.0 (ECO 10-050) 5/18/2010

Schematic: http://www.teamfdi.com/products/uEZGUI-2478-43WQS/sch/UEZ_GUI_4P3_SCH_2.pdf

ECO: [10-050 uEZGUI-2478-43WQS uEZGUIRev2.pdf](#)



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Revision 1.1 (ECO 10-044) 4/15/2010

Schematic: http://www.teamfdi.com/products/uEZGUI-2478-43WQS/sch/UEZ_GUI_4P3_SCH_1P1.pdf

ECO: [10-044 uEZGUI-2478-43WQS uEZGUIRev1p1.pdf](#)

Revision 1.0 Original Release 2/18/2010