	Description	DATE	ΒX
Initial production Release.		11/19/2012	CC
On the initial production release the pro Parts while marked AM3359 were actu	On the initial production release the processors were to be found incorrect as supplied by TI. Parts while marked AM3359 were actually AM3352. This revision uses the correct parts.	1/2/2013	ЭĐ
<ol> <li>Deleted R29-R44 from the LCD lines.</li> <li>Added 47pf capacitors C156-C173 to LCD data lines to ground.</li> <li>Changed schematic revision to A5A.</li> <li>Changed a few footprints after PCB update for above changes.</li> <li>Added access point for the battery function of the TPS65217C.</li> <li>Added Ferrite beads in series with LED power and 5V power raconnector. Required to pass FCO/CE testing due to noise emission?</li> <li>Added power button to enable sleep, wakeup, power down and system.</li> <li>Added Modification to add 100K ohm resistor to ground to prive cable is not pluqged in.</li> </ol>	<ol> <li>Deleted R29-R44 from the LCD lines.</li> <li>Added 47pf capacitors C156-C173 to LCD data lines to ground.</li> <li>Changed schematic revision to A5A.</li> <li>Changed a few footprints after PCB update for above changes.</li> <li>Added access point for the battery function of the TPS65217C.</li> <li>Added Ferrite beads in series with LED power and 5V power rails of the USB host connector. Required to pass FCC/CE testing due to noise emissions on that pin.</li> <li>Added power button to enable sleep, wakeup, power down and power up features on the system.</li> <li>Added Modification to add 100K ohm resistor to ground to prvent crosstalk when serial cable is not pluqged in.</li> </ol>	2/8/2013	99
Added 100K pulldown on J1 pin 4 to prevent crosstalk when serial cable is not connected into PCB layout.     Changed the LED resistors to 4.75K to lower the brightness.	revent crosstalk when serial cable is lower the brightness.	5/21/2013	29
1. Changed R46, R47,R48 to 0 ohms. 2. Changed R45 to 22 Ohms. Change was made due to production fail	<ol> <li>Changed R46, R47,R48 to 0 ohms.</li> <li>Changed R45 to 22 Ohms.</li> <li>Change was made due to production failures on some boards due to differences in impedances.</li> </ol>	6/12/2013	29
Moved the enable for the VDD_3V3B regulator to VD reduce the delay between the ramp up of the 3.3V rails.     Added a AND gate to the SYS_RESETn circuitry. The the nRESETOUT signal on the processor may go high. HI before it should. This change reenforces the reset will added optional zero ohm resistor to the GND_OSCO to	1. Moved the enable for the VDD_3V3B regulator to VDD_3V3A rail. Change was made to reduce the delay between the ramp up of the 3.3V rails.  2. Added a AND gate to the SYS_RESETn circuitry. There is a small chance that on power up the nRESETOUT signal on the processor may go high, causing the SYS_RESETn signal to go HI before it should. This change reenforces the reset with the PORZn reset signal.  3. Added optional zero ohm resistor to tie GND_OSC0 to system ground.	7/25/2013	29
Added optional zero ohm resistor to tie GND_OSC1 to system ground.     Changed C106 to a 1uF capacitor.     Changed C24 to a 2.2uF capacitor.     Made R8 installed and R9 not installed.	GND_OSC1 to system ground.	12/13/2013	9
1.Changed the processor to the AM3358BZCZ100.	zcz100.	1/20/2014	CC

LED, CONFIGURATION AND BUTTON

**DDR3 MEMORY** 

**eMMC FLASH** 

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10/100 ETHERNET

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EXP CONN, uSD

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HDMI FRAMER

PROCESSOR 1 OF 3, JTAG HEADER

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POWER MANAGEMENT

PROCESSOR 2 OF 3, UAB PORTS

PROCESSOR 3 OF 3

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SCHEMATIC PAGE

PAGE NO

NOTE: PCB Revision for this board is Rev B6



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Date: Tuesday, January 21, 2014

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