REV	Description 4		BY	
с)	1. Improved layout for the USB PHY. 2. Removed unused parts from the design. 3. Added current measurement function to the TWL4030. 4. Added filter caps to the VBUS rail input and output. 5. Changed U9 & U11 package to the QFN	8/14/08	GC	
C1	 Added J12 and J13 to provide access to the RGB TTL signals on the LCD. Added 5 filter caps. Moved the USB Host port from Port1 to Port2. Deleted R1. Added 10K pulldown to USB reset signal. Added 10K pulldown resistors as ID function to determine board type by reading these pins. Added series resistor, R53, in the CLK line of the HSUSB clock line. May be removed after test 	10/1/08 hg.	GC	
C2	1. Moved the McBSP3_DX signal to pin AB26. 2. Moved the McBSP3_DR signal to pin AB25. 3. Moved the McBSP3_CLKX signal to pin AD25. 4. Changes were to allow access to three PWM signals from OMAP3530.	12/16/08	GC	
C3	Added series resistor to BKBAT. Added TP to BKBAT to allow access for battery. Added a 47pf CAP and 3.3uH inductor to the S-Video feedback resistors.	2/11/2009	GC	
СЗА	Switched to TPS65950 based on the availability of the parts. Made the battlery an installed component. Removed parallell resistor.	4/21/2009	GC	
СЗВ	Corrected J4 and J5 symbol for the RGB interface. No electrical changes were made. Made the battery an optional component and is not installed on the board.	5/6/2009	GC	

	CONTENTS		
PAGE NO.	SCHEMATIC PAGE		
1	COVER PAGE		
2	USB OTG CONNECTOR AND MAIN POWER		
3	OMAP3 1 OF 3		
4	OMAP3 2 OF 3, JTAG, SWITCHES, LEDS, SVIDEO		
5	OMAP3 3 OF 3		
6	TPS65950 1 of 2, AUDIO JACKS, LED, 26MHZ, 32KHZ		
7	TPS65950 2 of 2		
8	USB HOST AND EXPANSION		
9	SD/MMC, SERIAL HEADER		
10	DVI-D		

This schematic is *NOT SUPPORTED* and DOES NOT constitute a reference design. Only "community" support is allowed via resources at BeagleBoard.org/discuss.

THERE IS NO WARRANTY FOR THIS DESIGN , TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE DESIGN "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE DESIGN IS WITH YOU. SHOULD THE DESIGN DESIGN PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

beagleboard.org								
	Title	Beagle-Cover Page						
	Size	Document Number					Rev	
	В	450-5000-001					СЗВ	
	Date:	Monday, May 11, 2009	Sheet	1	of	10		

5

3

















