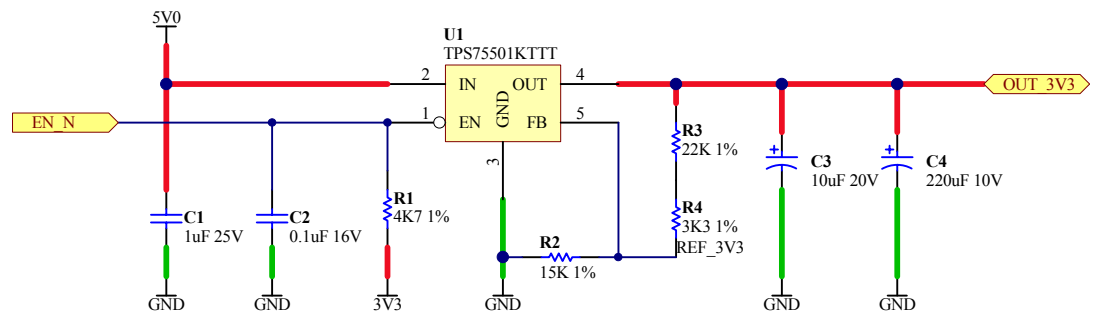
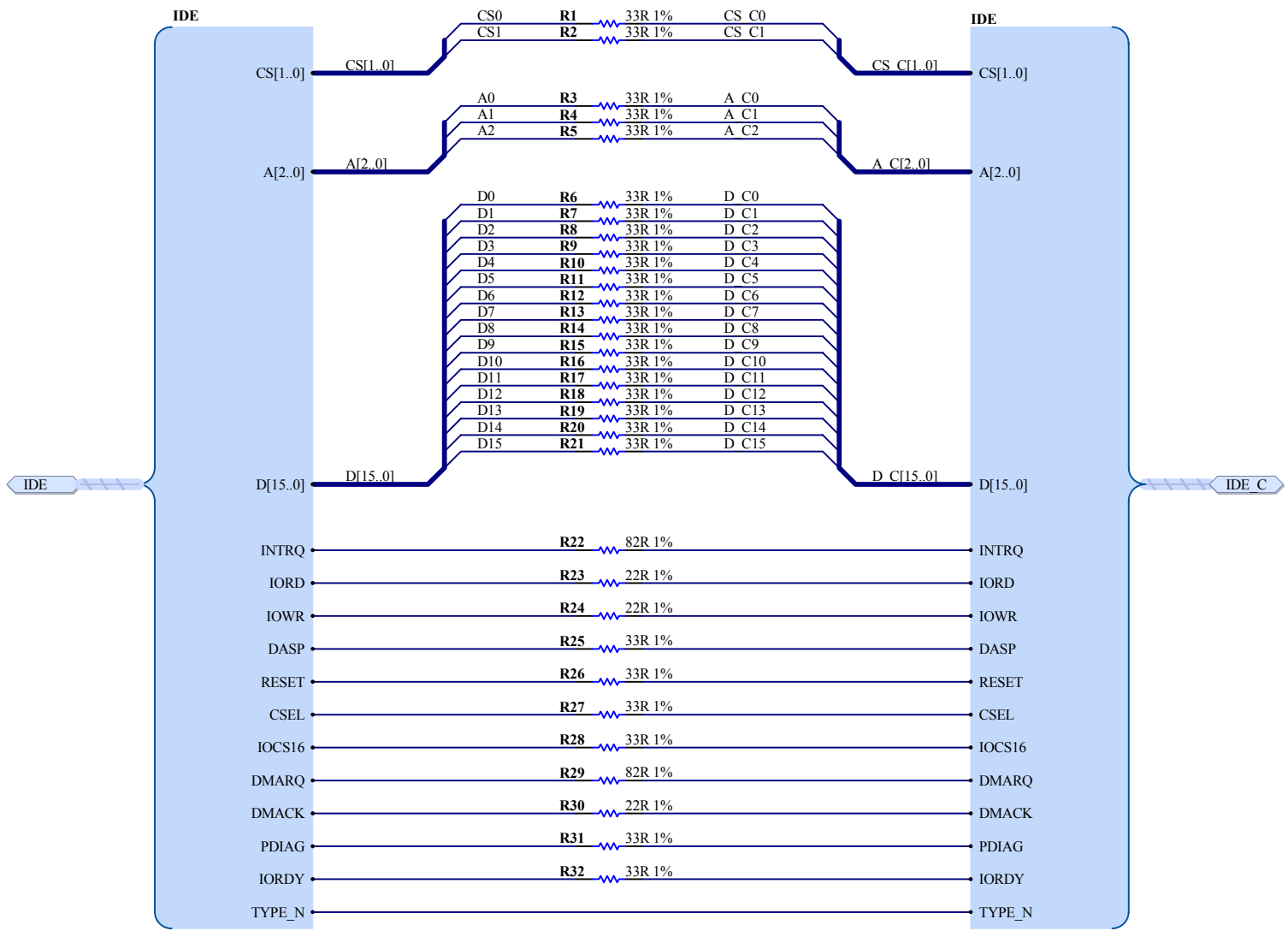



Title IDE Connector			Altium Limited. Level 3, 12a Rodborough Rd Frenchs Forest 2086 NSW	
Size: A4	Number:	Revision:		
Date: 27/11/2008	Time: 5:56:22 PM	Sheet 3 of 12	AUSTRALIA	
File: C:\Program Files\Altium Designer Winter 09\Examples\Reference Designs\Peripheral Boards\PB02 Mass Storage\IDE CF.SchDoc				

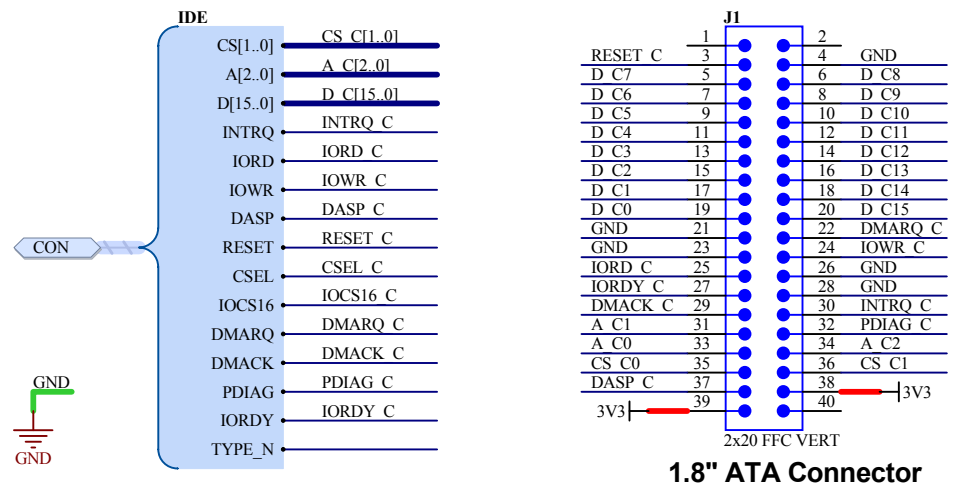


$$V_o = 1.224V * (1 + ((R14 + R13) / R11)) = 3.288V$$

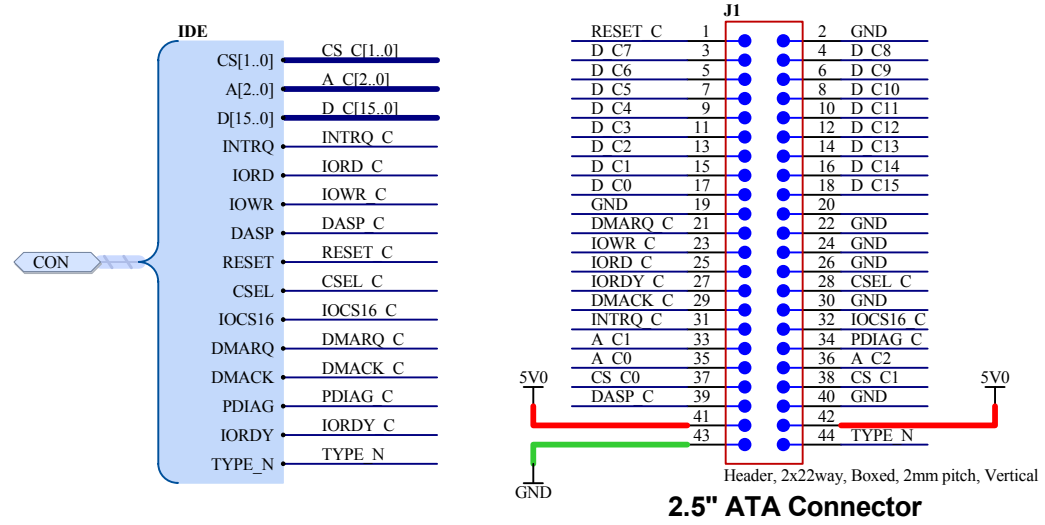
1uF ceramic input cap required for LDO stability.
 >47uF solid tantalum with ESR > 200mOhms
 required on output for stability.

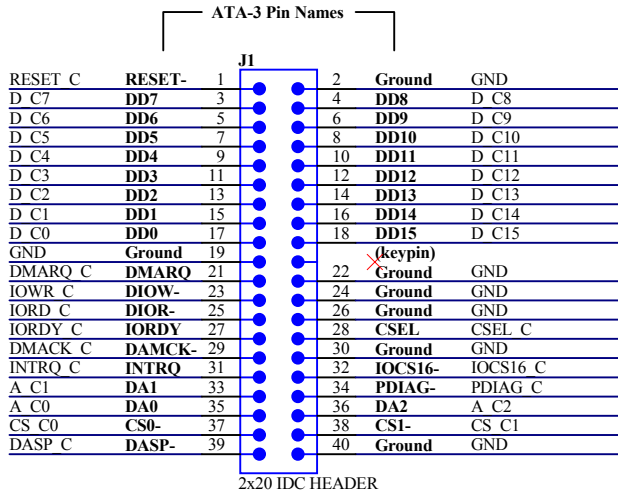
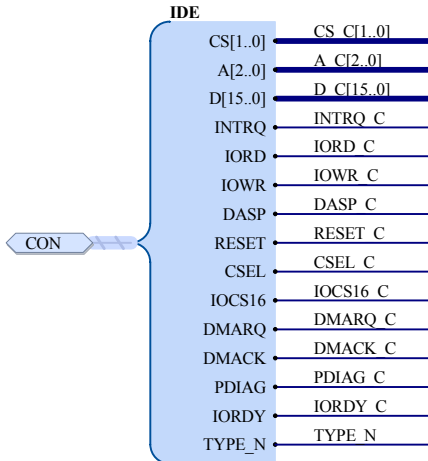


Sheet Title IDE Terminator			Altium Limited L3, 12A Rodborough Rd Frenchs Forest NSW 2086 Australia	
Project Title PB02 - C-FLASH/ATA/SD-Card				
Size: A4	Assy: D-820-0002	Revision:06		
Date: 27/11/2008	Time: 5:56:22 PM	Sheet 5 of 12		
File: IDE Terminator.SchDoc				



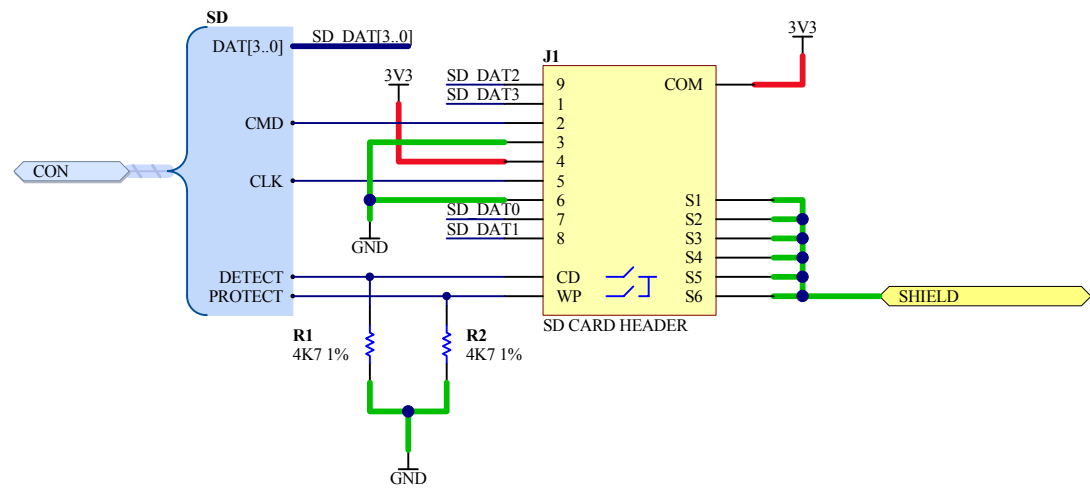
1.8" ATA Connector




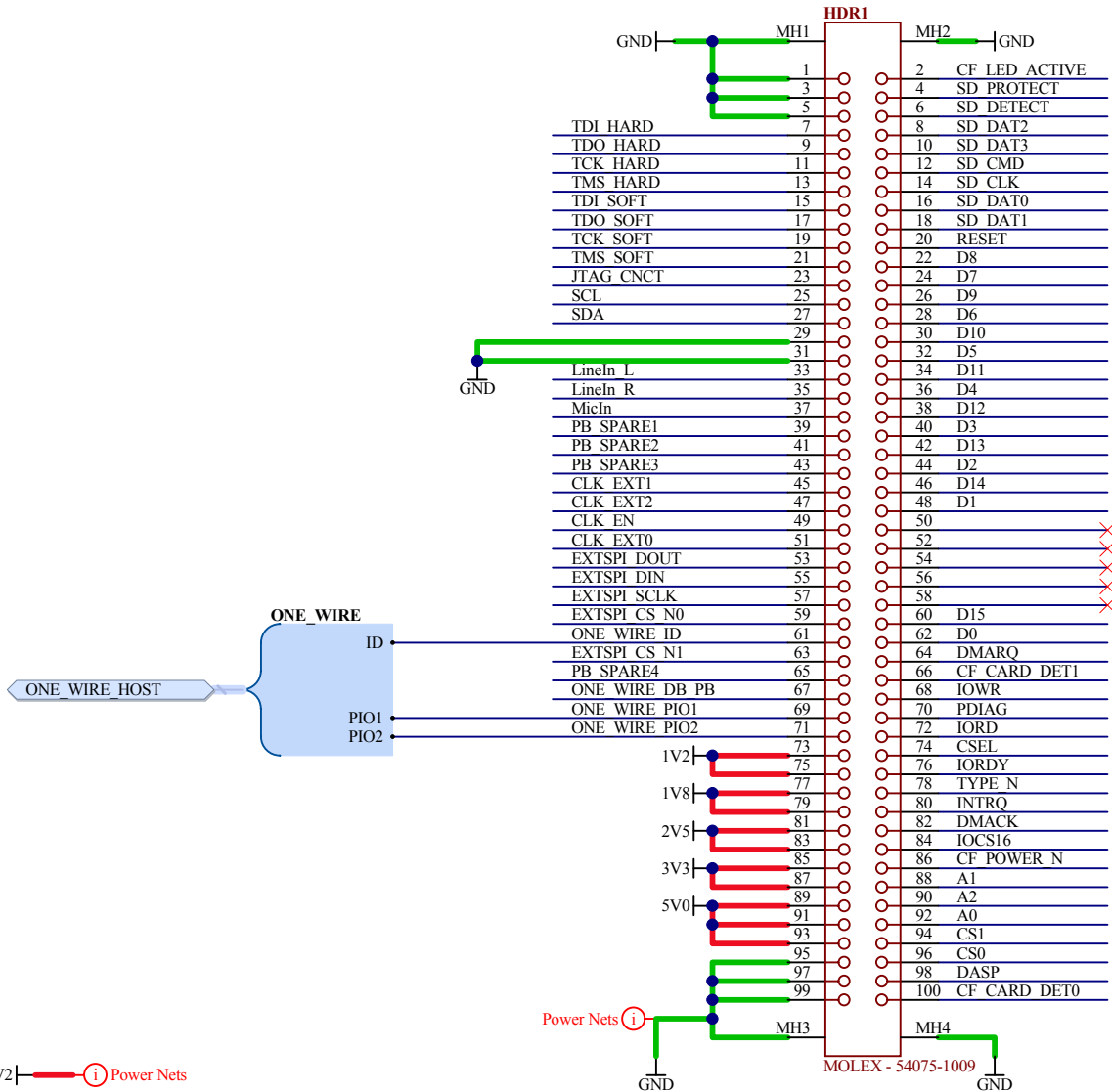


3.5" ATA Connector

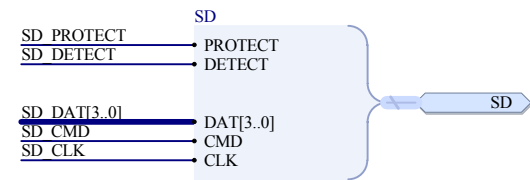
Title IDE Connector			Altium Limited. Level 3, 12a Rodborough Rd Frenchs Forest 2086 NSW AUSTRALIA		
Size: A4	Number:	Revision:			
Date: 27/11/2008	Time: 5:56:22 PM	Sheet 8 of 12			
File: C:\Program Files\Altium Designer Winter 09\Examples\Reference Designs\Peripheral Boards\PB02 Mass Storage\Dependencies\					



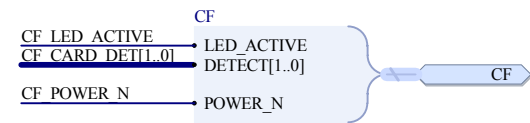
Sheet Title SD-CARD HIROSE 609_0003_5		<i>Altium Limited</i> L3, 12A Rodborough Rd Frenchs Forest NSW 2086 Australia		
Project Title PB02 - C-FLASH/ATA/SD-Card				
Size: A4	Assy: D-820-0002			Revision:06
Date: 27/11/2008	Time: 5:56:22 PM			Sheet 9 of 12
File: CON SD HIROSE 609_0003_5.SchDoc				



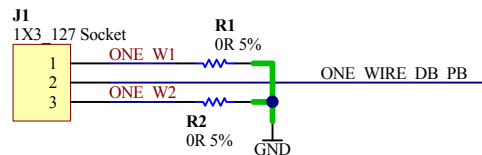
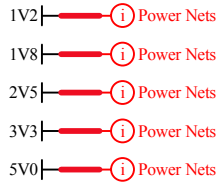
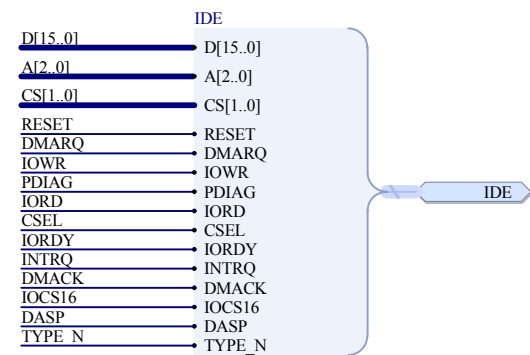
Secure Digital Card Interface



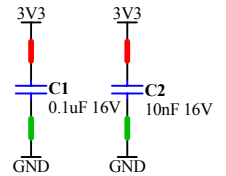
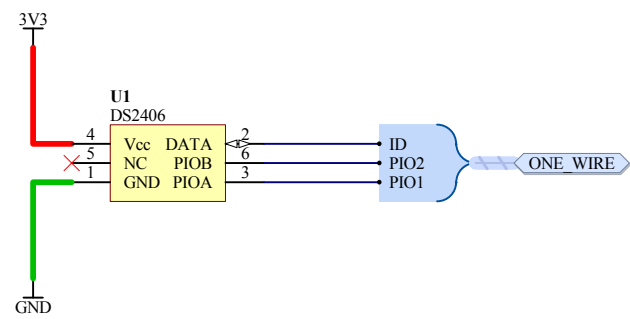
Compact Flash Interface




ATA Interface



Sheet Title PB Extender Board Socket		Altium Limited L3, 12A Rodborough Rd Frenchs Forest NSW 2086 Australia		
Project Title PB02 - C-FLASH/ATA/SD-Card				
Size: A4	Assy: D-820-0002	Revision:06		
Date: 27/11/2008	Time: 5:56:22 PM	Sheet 10 of 12		
File: PB_ExtenderPlug.SchDoc				



Sheet Title <i>1-Wire Bus ID</i>		Altium Limited L3, 12A Rodborough Rd Frenchs Forest NSW 2086 Australia		
Project Title <i>PB02 - C-FLASH/ATA/SD-Card</i>				
Size: A4	Assy: D-820-0002			Revision:06
Date: 27/11/2008	Time: 5:56:22 PM			Sheet 11 of 12
File: 1WB_DS2406_EPROM.SchDoc				

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Altium Logo Top1
Altium



Altium Logo Bottom1
Altium



MH1
MOUNTING HOLE 3MM



MH2
MOUNTING HOLE 3MM



MH3
MOUNTING HOLE 3MM



S1 M2x10mm Stainless Screw **N1** M2 Stainless Nut



S2 M2x10mm Stainless Screw **N2** M2 Stainless Nut



PCB1
PB02 Blank PCB
Printed Circuit Board (Bare)

Sheet Title **MOUNTS, Logo, Label, Screws/Nuts**

Project Title **PB02 - C-FLASH/ATA/SD-Card**

Size: A4 Assy: D-820-0002 Revision:06

Date: 27/11/2008 Time: 5:56:22 PM Sheet 12 of 12

File: PB_MOUNTS.SchDoc

Altium Limited
L3, 12A Rodborough Rd
Frenchs Forest
NSW 2086
Australia



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