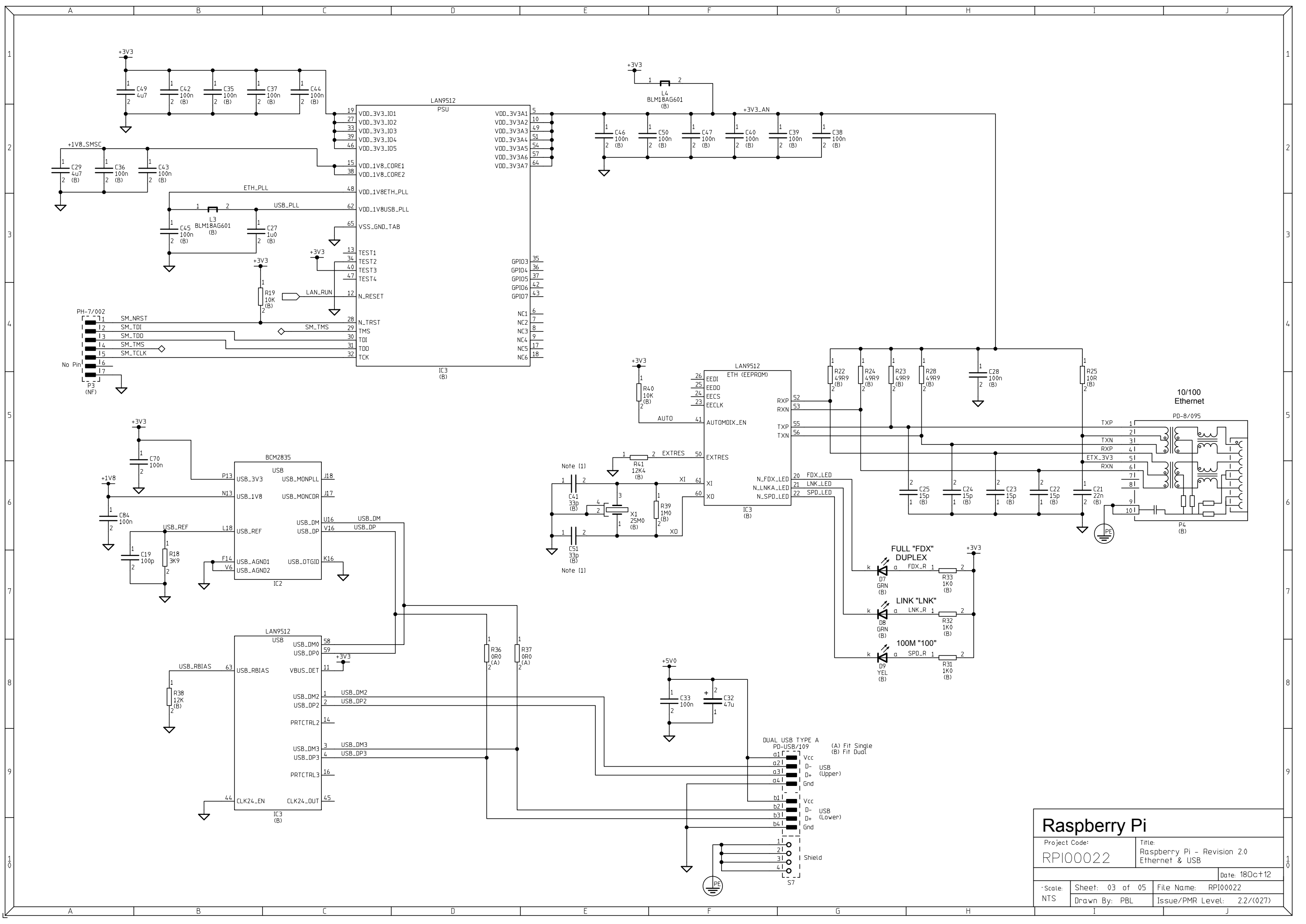


Raspberry Pi			
Project Code:		Title:	
RPI00022		Raspberry Pi - Revision 2.0 HDMI, SD Card, Composite & Audio	
Date: 18Oct12			
Scale:	Sheet: 02 of 05	File Name: RPI00022	
NTS	Drawn By: PBL	Issue/PMR Level: 2.2/(027)	



# Raspberry Pi

Project Code:  
RPI00022

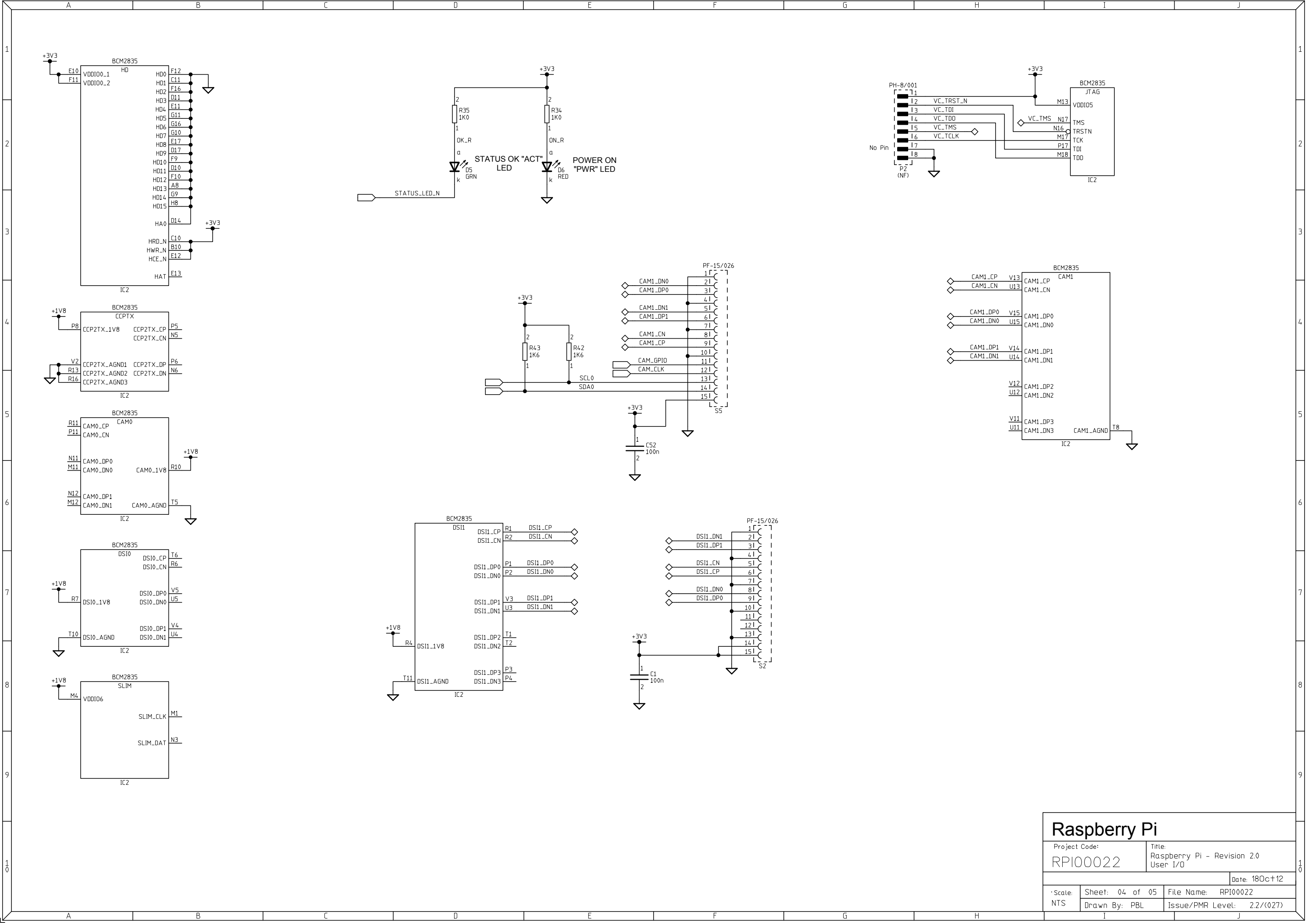
Title:  
Raspberry Pi - Revision 2.0  
Ethernet & USB

Scale:  
NTS

Sheet: 03 of 05  
Drawn By: PBL

File Name: RPI00022  
Issue/PMR Level: 2.2/(027)

Date: 18Oct12



A	B	C	D	E	F	G	H	I	J																																								
<div>PCB Build Variations</div> <div>Each Build variant is assigned a letter A-Z. Components affected by a variant have that letter, in parentheses, associated with it on the schematic pages.</div> <table><tr><th>Build Variant</th><th>Build Description</th></tr><tr><td></td><td></td></tr></table> <div>Notes: A PCB assembly option ("Build Option") is formed by summing the required variants of circuit sections. Eg. A+D+G.</div> <div>PCB Assembly Options</div> <div>List of Assembly options (valid combinations of Build variants, for reference only.)</div> <table><tr><th>Build variants</th><th>Build Description</th></tr><tr><td>A</td><td>Components only fitted to Model A (Basic)</td></tr><tr><td>B</td><td>Components only fitted to Model B (Full System)</td></tr></table> <div>PCB Parts List Entry</div> <table><tr><td>- Project Code</td><td>- Issue</td></tr><tr><td colspan="2">BD-RPI-00022/001</td></tr></table>		Build Variant	Build Description			Build variants	Build Description	A	Components only fitted to Model A (Basic)	B	Components only fitted to Model B (Full System)	- Project Code	- Issue	BD-RPI-00022/001		<div>PCB Layout Requirements</div> <div>Layout notes referring to specific components or groups of components are indicated on the schematics by the note number, enclosed in braces, adjacent to the component. Eg {4}.</div> <table><tr><th>Note No.</th><th>Description</th></tr><tr><td></td><td></td></tr></table>		Note No.	Description			<div>General Notes</div> <div>These are general notes relating to the build of the product.</div> <table><tr><th>(Number)</th><th>Details</th></tr><tr><td>{1}</td><td>Capacitor values tied to crystal specification. Refer to production site specific instructions and BOM for additional information.</td></tr><tr><td>{2}</td><td>Use flux gel or solder paste for PoP attachment process.</td></tr><tr><td>{3}</td><td>Connector designed to be mounted underside, DO NOT FILL holes in process.</td></tr></table> <div>Design (c) 2011,2012 Raspberry Pi Foundation All Rights Reserved</div> <div>Portions of this work copyright 1979-2012 Norcott Technologies Limited Provided to the Raspberry Pi Foundation under a perpetual, royalty free, use and modify licence.</div> <div><div><div><div>FD2 FID60</div><div>FD5 FID60</div></div><div><div>FD1 FID60</div><div>FD7 FID60</div></div><div><div>FD3 FID60</div><div>FD6 FID60</div></div><div><div>FD4 FID60</div><div></div></div><div><div>FD8 FID30</div><div>FD9 FID30</div></div></div><div><div><div>ST2 2M5</div><div>ST1 2M5</div></div></div></div>		(Number)	Details	{1}	Capacitor values tied to crystal specification. Refer to production site specific instructions and BOM for additional information.	{2}	Use flux gel or solder paste for PoP attachment process.	{3}	Connector designed to be mounted underside, DO NOT FILL holes in process.	<div><div>Raspberry Pi</div><table><tr><td colspan="2">Project Code: RPI00022</td><td colspan="2">Title: Raspberry Pi - Revision 2.0 Build Options/PCB layout instructions.</td></tr><tr><td colspan="2">Client: n/a</td><td colspan="2">Date: 18Oct12</td></tr><tr><td>Scale: NTS</td><td>Sheet: 05 of 05</td><td>File Name: RPI00022</td><td></td></tr><tr><td></td><td>Drawn By: PBL</td><td>Issue/PMR Level: 2.2/(027)</td><td></td></tr></table></div>		Project Code: RPI00022		Title: Raspberry Pi - Revision 2.0 Build Options/PCB layout instructions.		Client: n/a		Date: 18Oct12		Scale: NTS	Sheet: 05 of 05	File Name: RPI00022			Drawn By: PBL	Issue/PMR Level: 2.2/(027)	
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