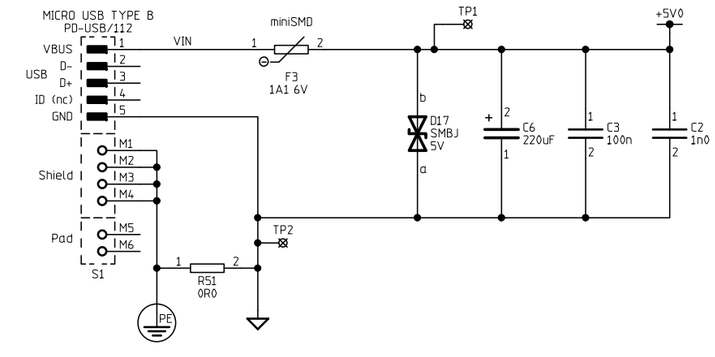
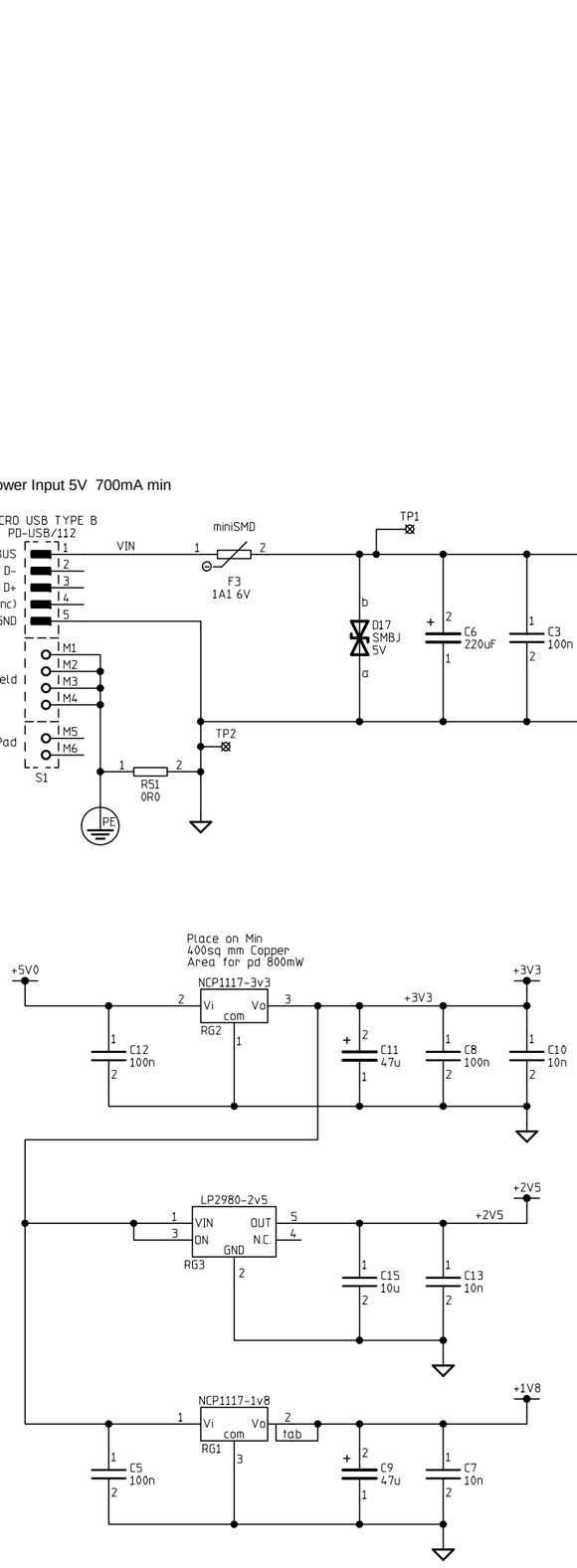
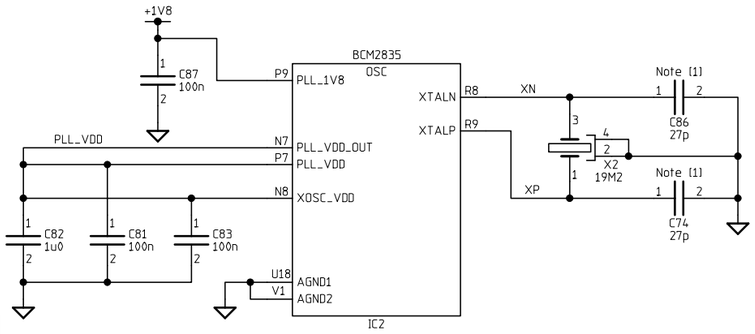
USB Power Input 5V 700mA min

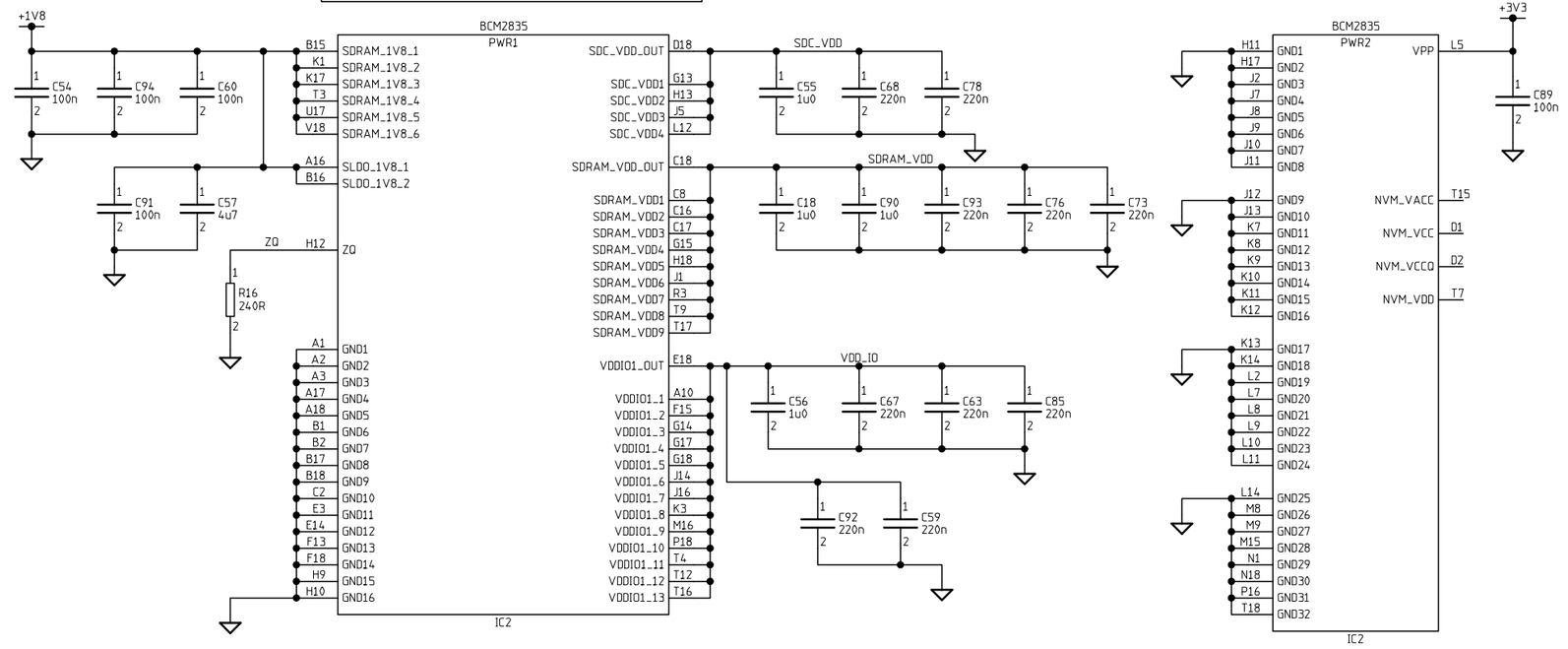


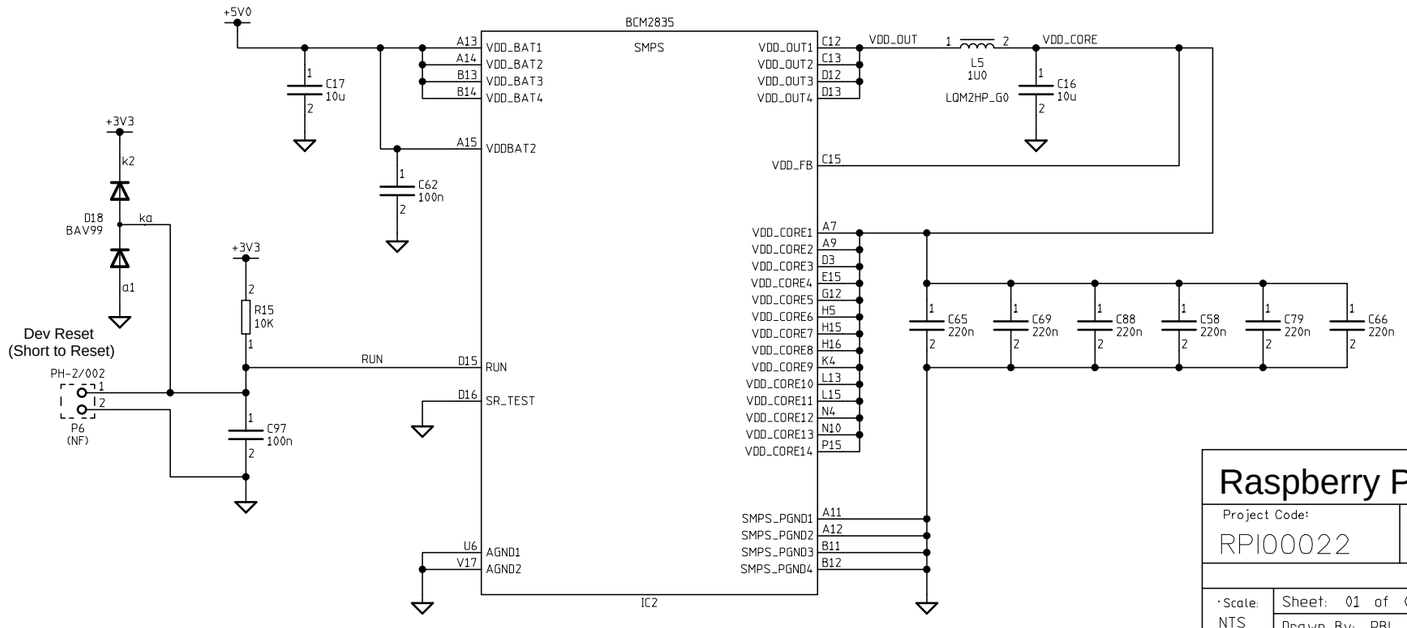




MEMORY: IC2A fitted as POP to IC2 - Note [2]

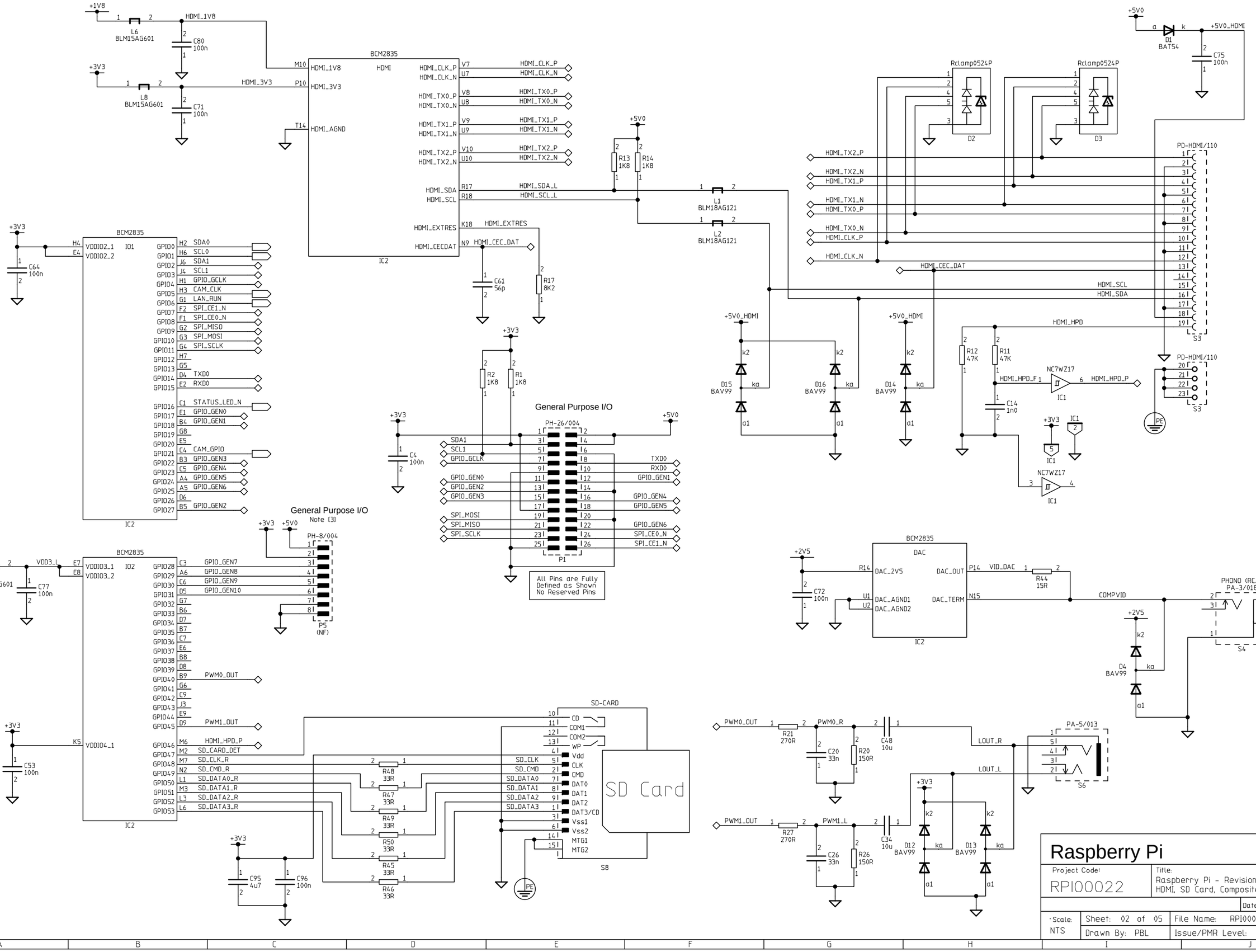
256Mbyte = K4P 2 G324ED
512Mbyte = K4P 4 G324EB





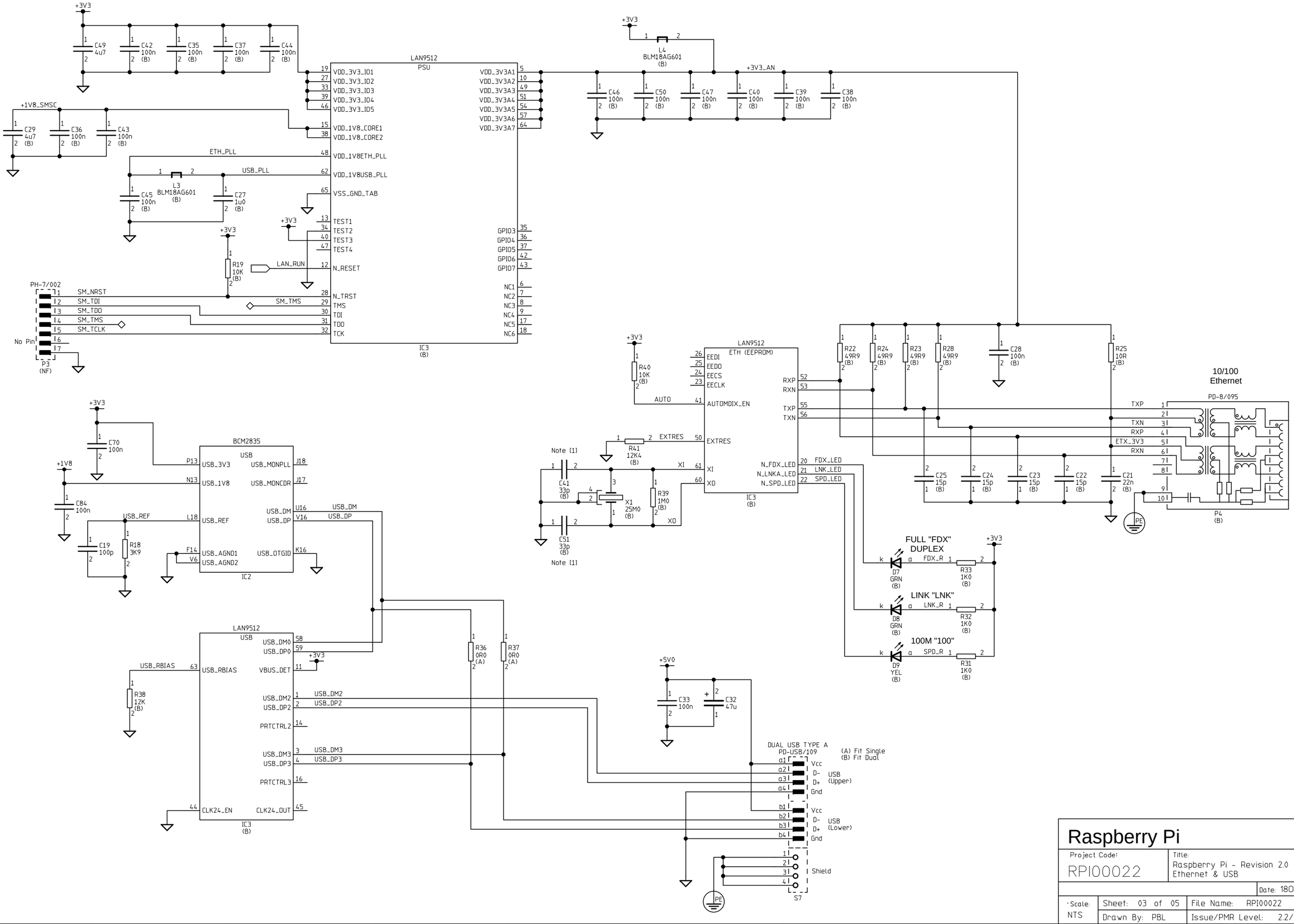
Raspberry Pi

Project Code: RPI00022	Title: Raspberry Pi - Revision 2.0 Power Input & Osc
	Date: 18Oct12
Scale: NTS	Sheet: 01 of 05
	File Name: RPI00022
	Drawn By: PBL
	Issue/PMR Level: 2.2/(027)



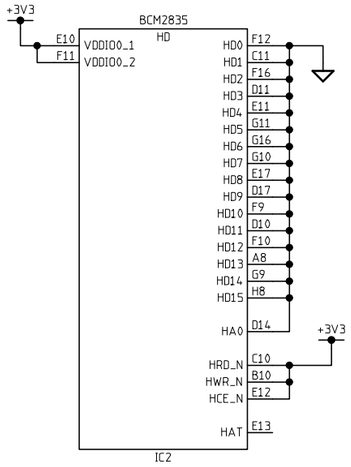
Raspberry Pi

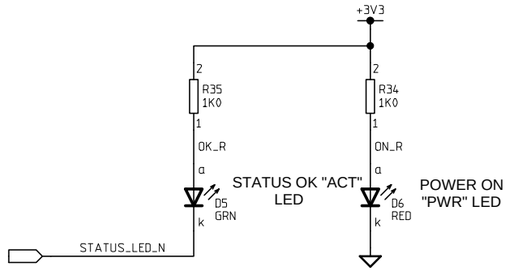
Project Code: RPI00022	Title: Raspberry Pi - Revision 2.0 HDMI, SD Card, Composite & Audio
	Date: 18Oct12
Scale: NTS	Sheet: 02 of 05
	File Name: RPI00022
	Drawn By: PBL
	Issue/PMR Level: 2.2/(027)

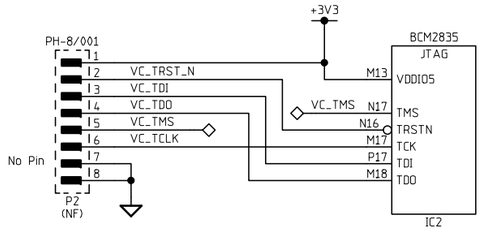


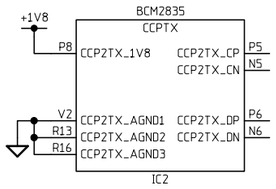
Raspberry Pi

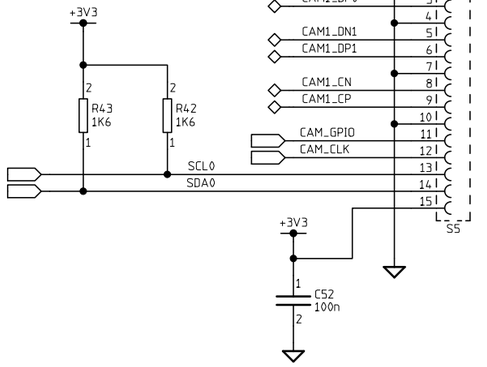
Project Code: RPI00022	Title: Raspberry Pi - Revision 2.0 Ethernet & USB	
		Date: 18Oct12
Scale: NTS	Sheet: 03 of 05	File Name: RPI00022
	Drawn By: PBL	Issue/PMR Level: 2.2/(027)

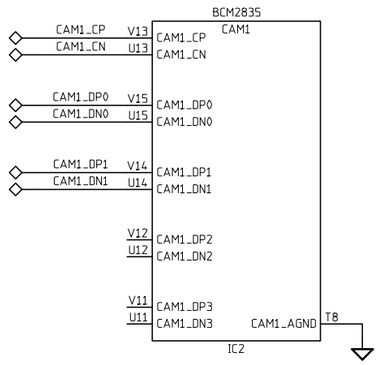


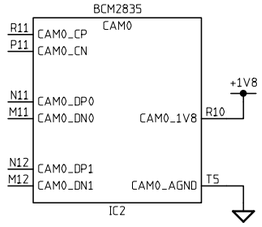


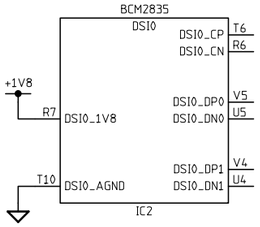


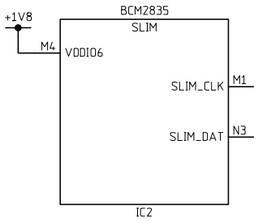


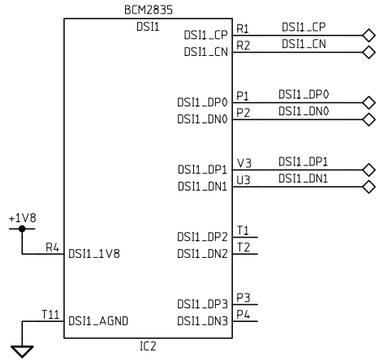


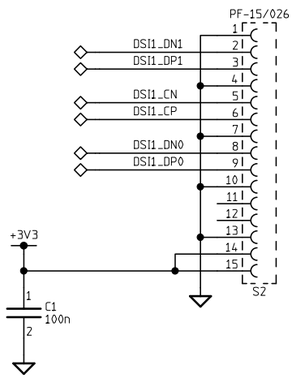












Raspberry Pi

Project Code: RPI00022	Title: Raspberry Pi - Revision 2.0 User I/O
	Date: 18Oct12
Scale: NTS	Sheet: 04 of 05
	Drawn By: PBL
	File Name: RPI00022
	Issue/PMR Level: 2.2/(027)

PCB Build Variations

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.

Build Variant	Build Description

Notes: A PCB assembly option ("Build Option") is formed by summing the required variants of circuit sections.
Eg. A+D+G.

PCB Assembly Options

List of Assembly options (valid combinations of Build variants, for reference only.

Build variants	Build Description
A	Components only fitted to Model A (Basic)
B	Components only fitted to Model B (Full System)

PCB Parts List Entry

- Project Code	- Issue
BD-RPI-00022/001	

PCB Layout Requirements

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}.

Note No.	Description

General Notes

These are general notes relating to the build of the product.

[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.

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FD2 FID60
FD1 FID60
FD3 FID60
FD4 FID60
FD8 FID30
FD5 FID60
FD7 FID60
FD6 FID60
FD9 FID30

ST2 2M5
ST1 2M5

Raspberry Pi

Project Code:	Title:
RPI00022	Raspberry Pi - Revision 2.0 Build Options/PCB layout instructions.
Client: n/a	Date: 18Oct12
Scale: NTS	Sheet: 05 of 05
	Drawn By: PBL
	File Name: RPI00022
	Issue/PMR Level: 2.2/(027)