

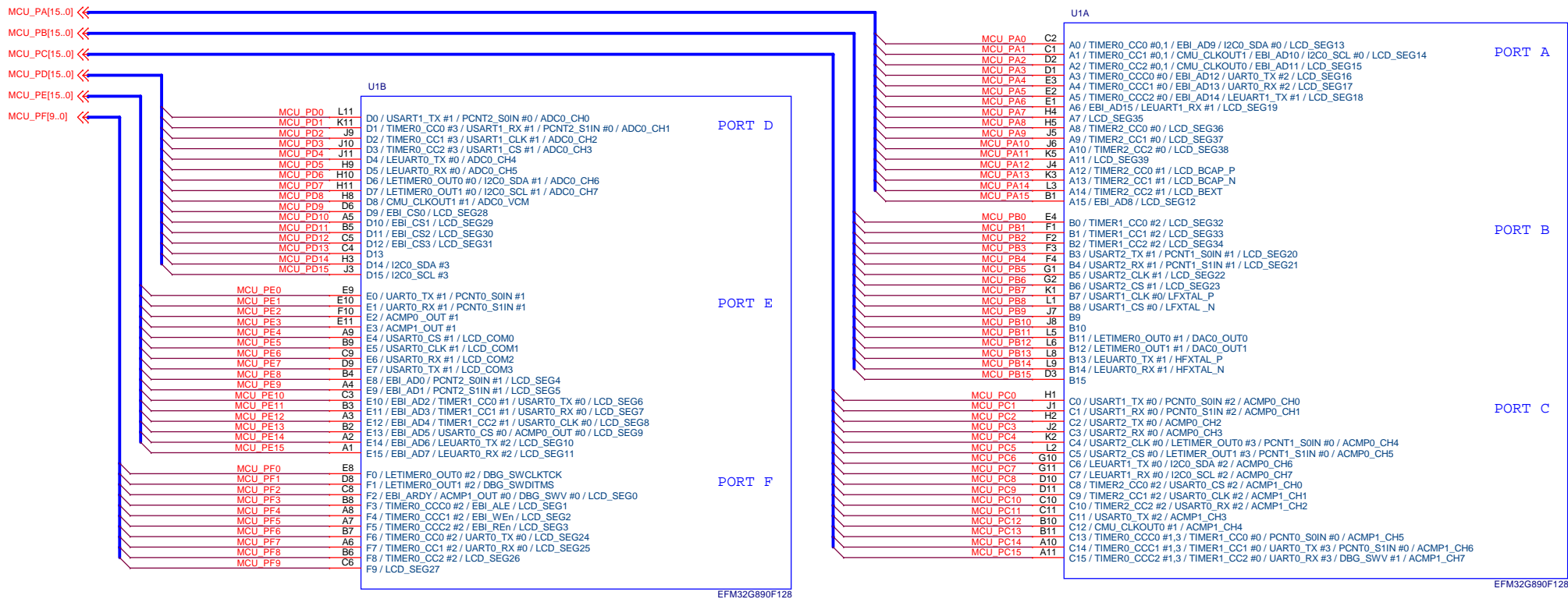
BRD3302A - G890 MCU plugin	
Board Function	Page
Front Page	1
EFM32 Microcontroller	2
EFM32 Power	3
LCD Panel	4
EFM32 Connectors	5
Signal Assignments #1	6
Signal Assignments #2	7
Misc Connections	8



Revision History	
Rev.	Comment
A00	Initial release
A01	Updated LCD part number.
A02	Changed 4V_SW to 3V6_SW. Adjusted crystal load caps. Applied RESET LED fix.

<Schematic Path>  
TOP

		Schematic Title	
		BRD3302A - G890 MCU plugin	
		Page Title	
		Front Page	
Designed: DDB		Approved: JNO	
Size: A3	BOM Doc No: <Cage Code>	Document number	
Design Created Date: Wednesday, December 03, 2008		Sheet Created Date: Tuesday, February 17, 2009	Revision: A02
		Sheet Modified Date: Thursday, February 16, 2012	Sheet 1 of 8



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TOP

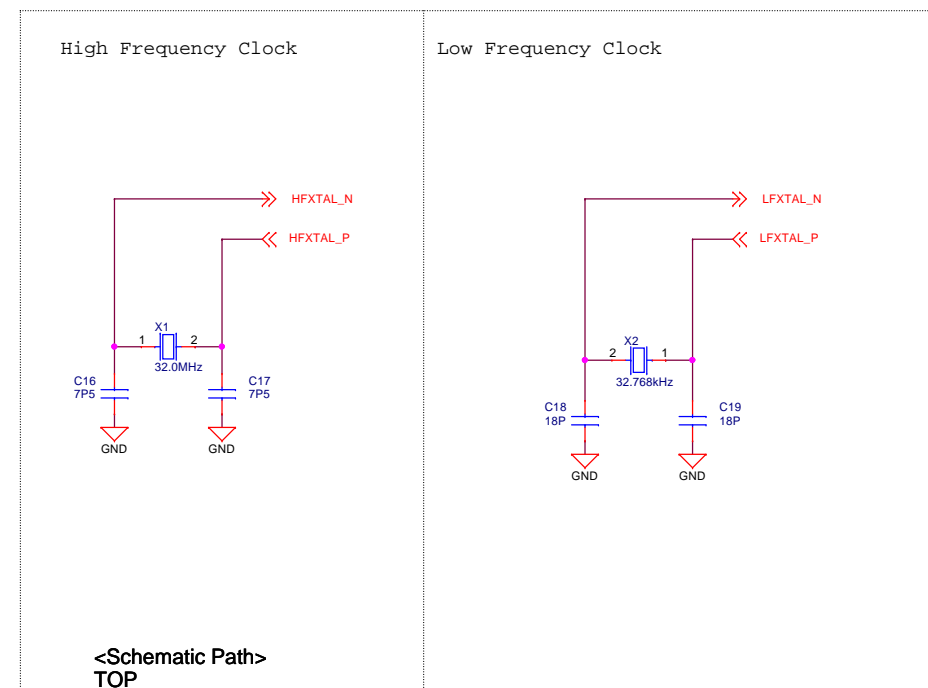
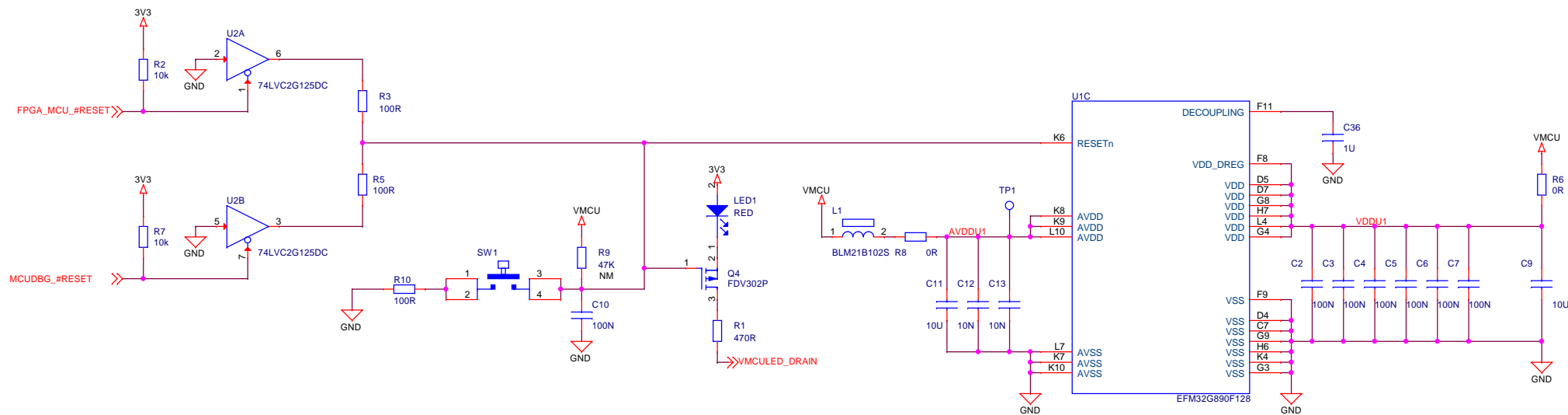
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A3	<Cage Code>	A02	
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Wednesday, December 03, 2008		Tuesday, April 07, 2009	Thursday, February 02, 2012
		Sheet 2 of 8	

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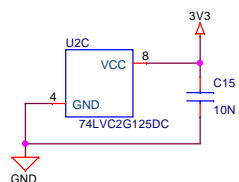
## C

**E**

## A



## Decoupling



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		BRD3302A - G890 MCU plugin	
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Designed:	DDB	Approved:	JNO
Size	BOM Doc No:	Document number	Revision
A3	<Cage Code>		A02
Design Created Date:		Sheet Created Date	Sheet Modified Date
Wednesday, December 03, 2008		Wednesday, July 15, 2009	Thursday, February 02, 2012
		Sheet	3 of 8

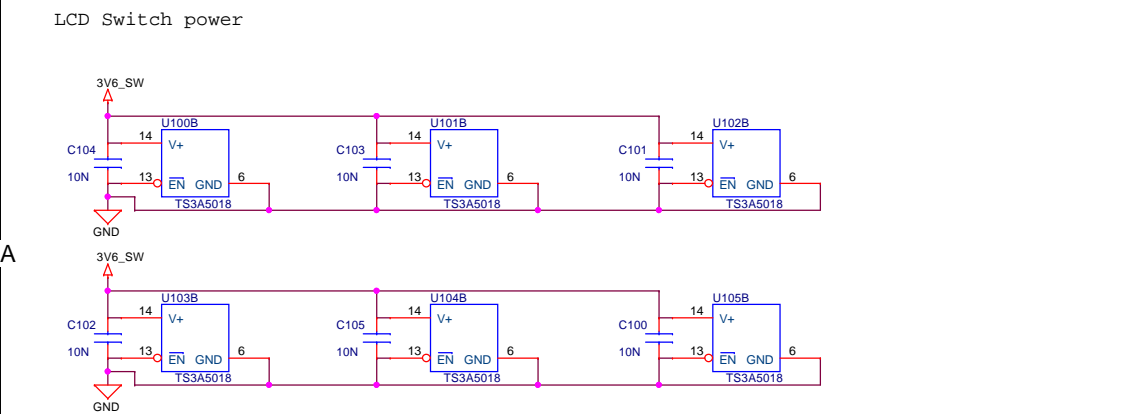
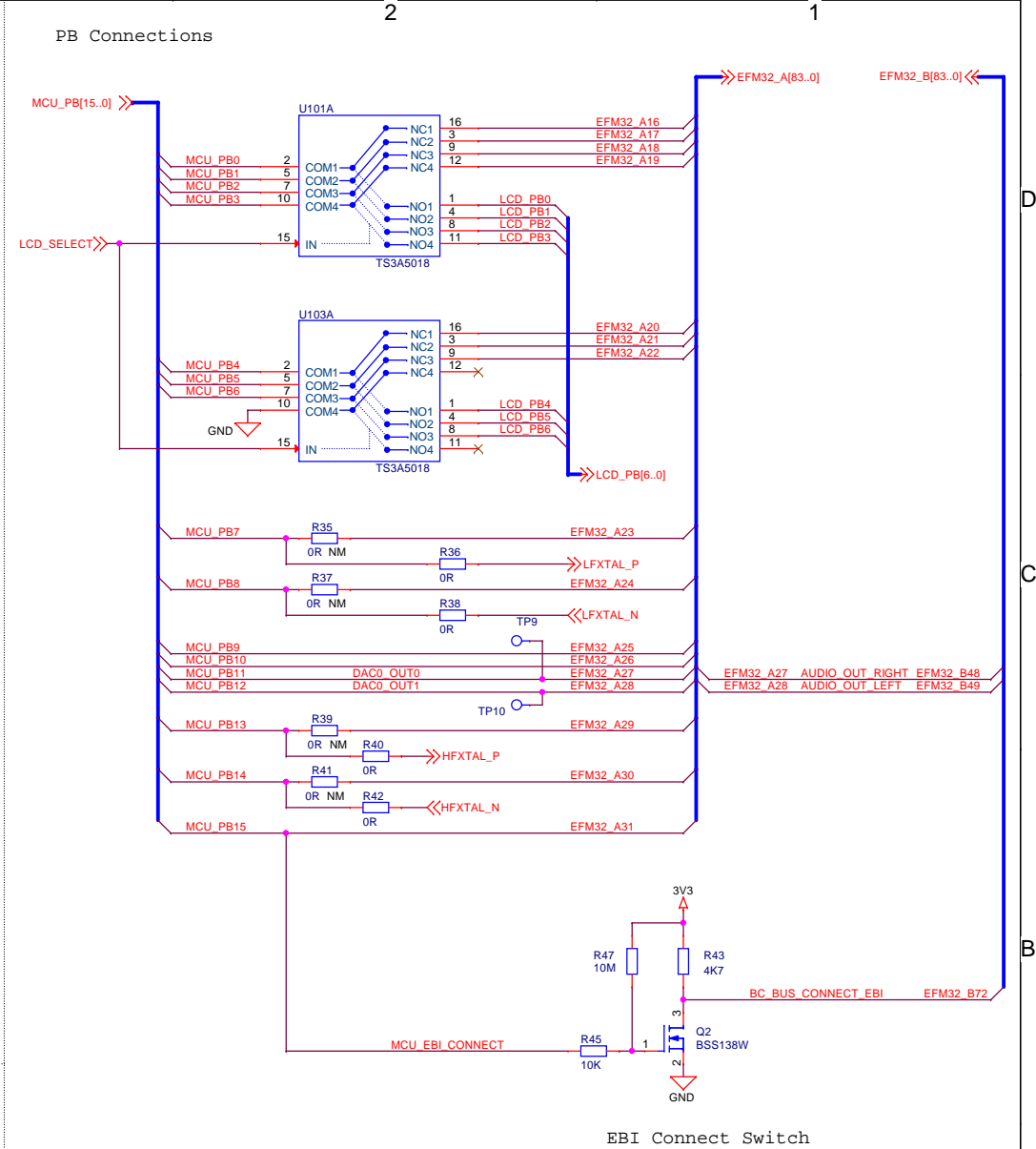
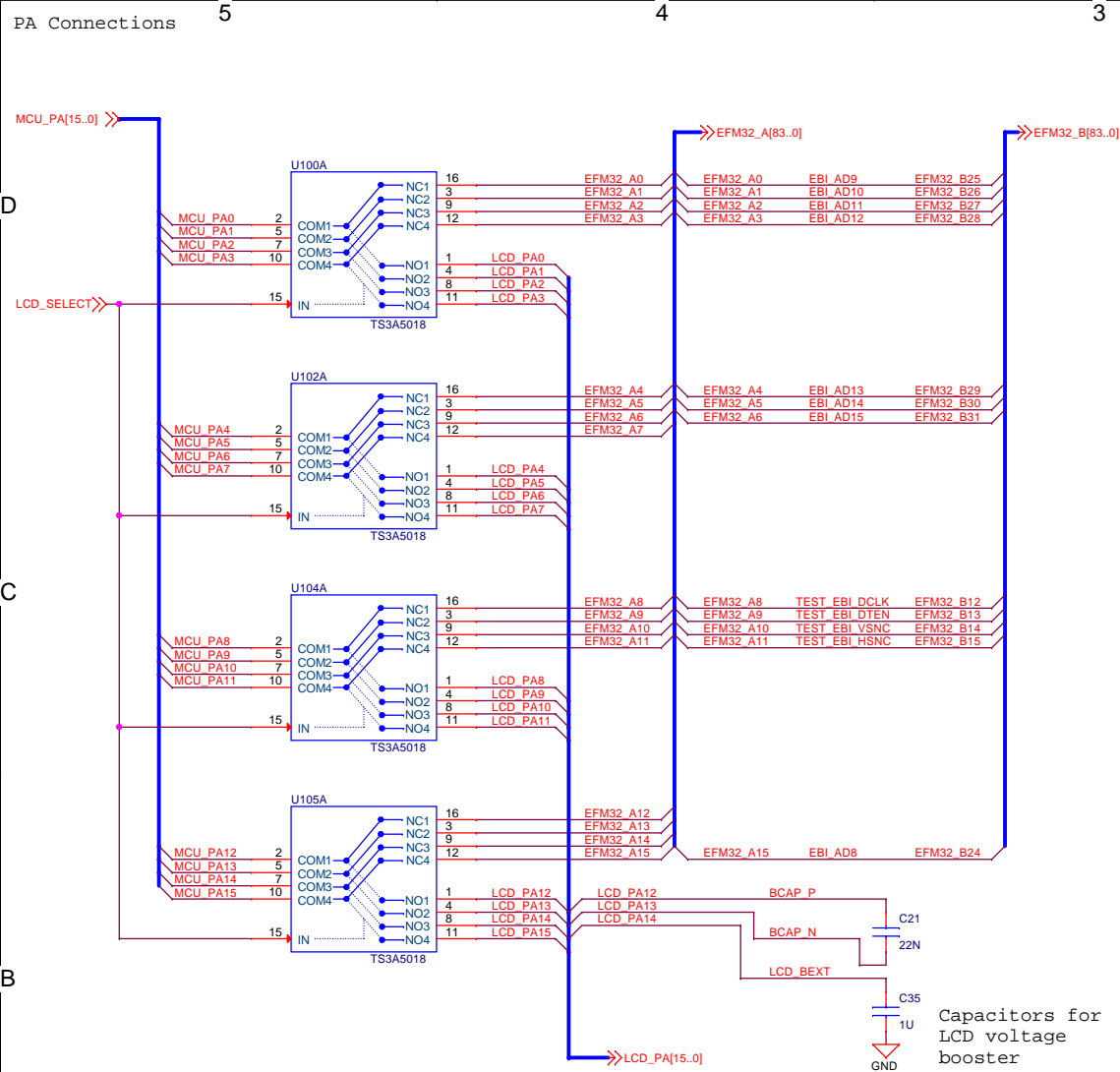
## C

## E

A

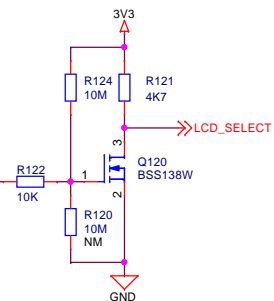
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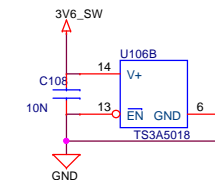
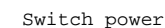
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Designed: AG	Approved: JNO	Document number	
Size: A3	BOM Doc No: <Cage Code>	Design Created Date: Wednesday, December 03, 2008	Revision: A02
Sheet Created Date: Monday, August 03, 2009		Sheet Modified Date: Thursday, February 02, 2012	Sheet 6 of 8

[illegible]

LCD Switch controll

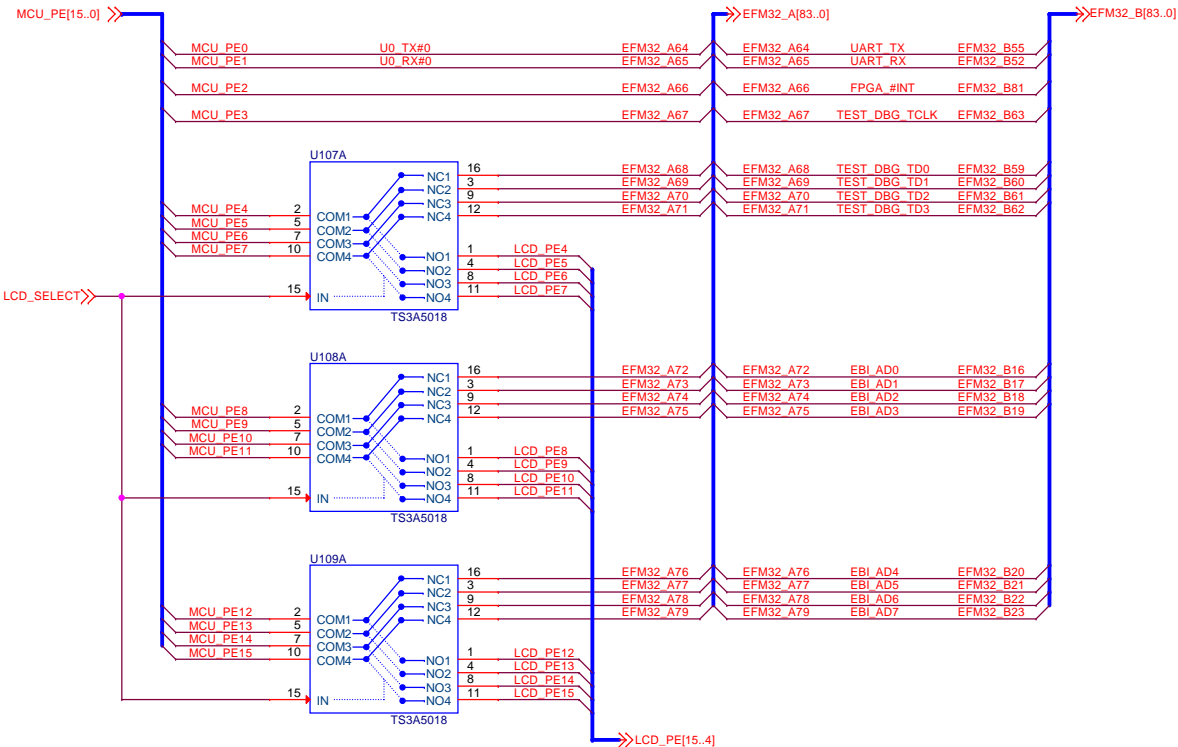
The schematic diagram illustrates the electrical connections for the EFM32L040 evaluation board. It shows the following components and connections:

- MCU Connections:** MCU pins are connected to various ADC channels (ADC0\_CH0 to ADC0\_CH7) and other peripherals. For example, MCU\_PD0 is connected to ADC0\_CH0, and MCU\_PD14 is connected to I2C0\_SDA#3.
- ADC Channels:** The diagram shows connections for ADC0\_CH0 through ADC0\_CH7, including associated resistors (R128, R129, R130, R131, R132, R133, R134, R135) and capacitors (C113, C114, C115).
- Resistors and Capacitors:** Various resistors (R127, R129, R131, R132, R133, R134, R135, R46, R48, R44) and capacitors (C113, C114, C115) are shown, along with their values and tolerances.
- Switch and Transistor:** A switch (Q3, BSS138W) is used for the SPI connect switch, controlled by the MCU\_SPI\_CONNECT signal. A 3V3 supply is also shown.
- Other Components:** The diagram includes a TS3A5018 component, a U106A component, and various other components like R128, R129, R130, R131, R132, R133, R134, R135, C113, C114, C115, and Q3.

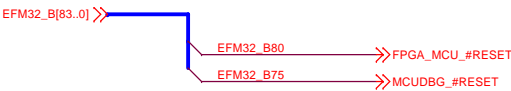


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		Page Title	
Designed: DDB		Approved: JNO	
Signal Assignments #2			
Size A3 BOM Doc No: <Cage Code>		Document number Revision A02	
Design Created Date: Wednesday, December 03, 2008		Sheet Created Date Tuesday, August 04, 2009	
		Sheet Modified Date Thursday, February 02, 2012	
		Sheet 7 of 8	

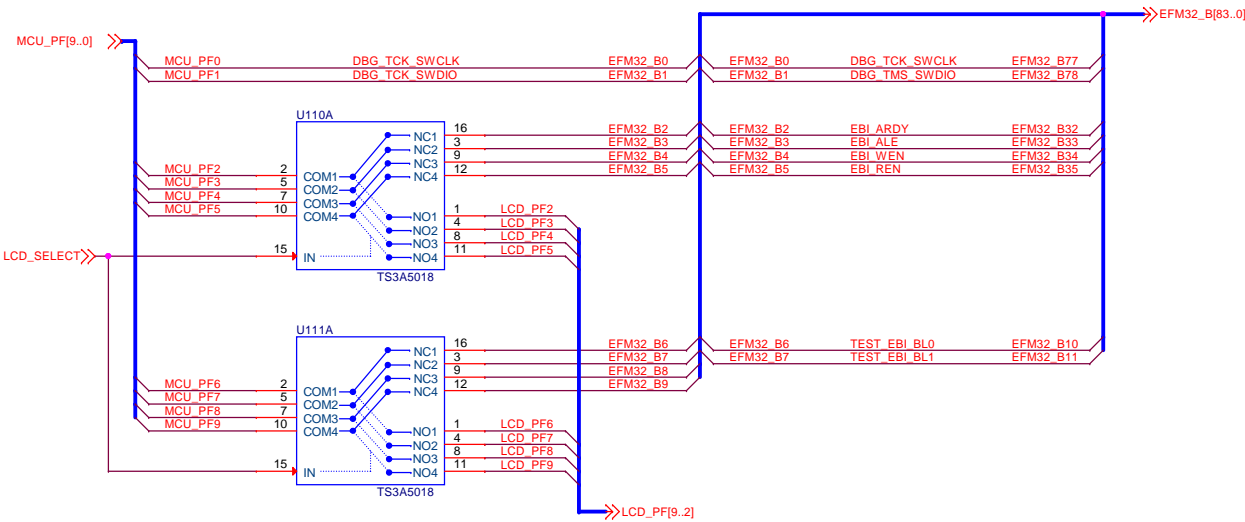
PE Connections



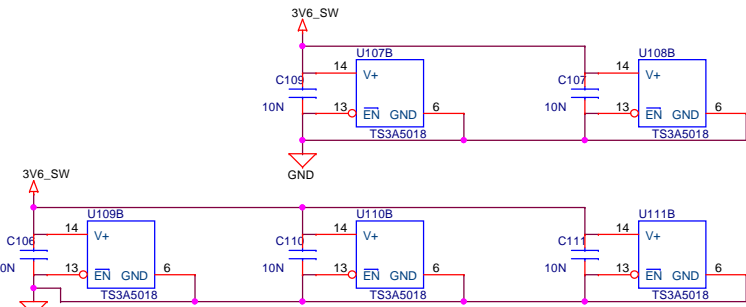
Reset connections



PF Connections



Switch power



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Designed: DDB		Approved: JNO		Schematic Title <b>BRD3302A - G890 MCU plugin</b>	
Size A3		<Cage Code>		Page Title <b>Misc Connections</b>	
Design Created Date: Wednesday, December 03, 2008		Document number <b>BRD3302A</b>		Revision <b>A02</b>	
Sheet Created Date Tuesday, October 11, 2011		Sheet Modified Date Thursday, February 02, 2012		Sheet 8 of 8	