

# phyFLEX Carrierboard

## PBA-B-01.A3

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PHYTEC		PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz
Project:	phyFLEX Carrierboard	Department: F&E
13.05.2013	PCB-No.: 1364.4	Author: M.Achilles
		Revision: 4
		Sheet 1 of 16

A

B

C

D

A

B

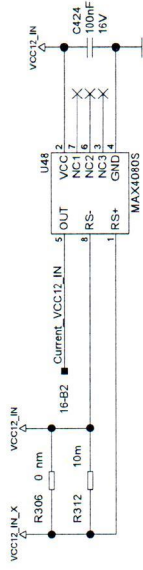
C

D

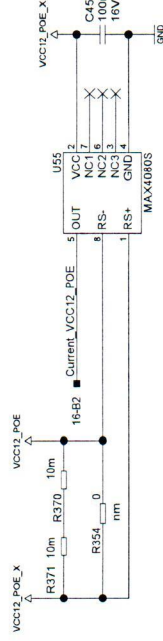




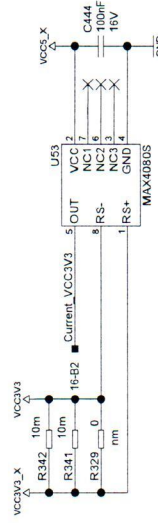
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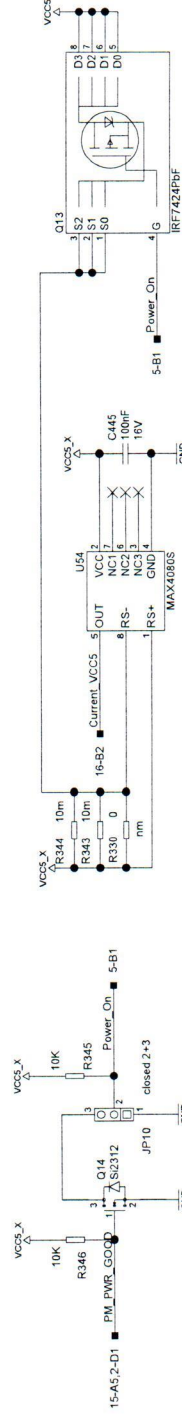
### Current Sense VCC12\_POE



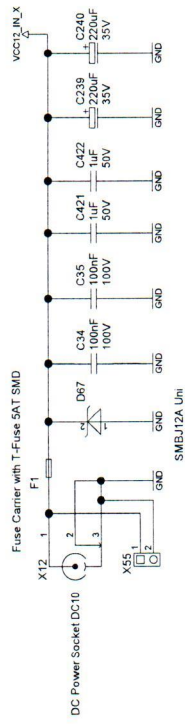
### Current Sense VCC3V3



### Current Sense and Switch VCC5

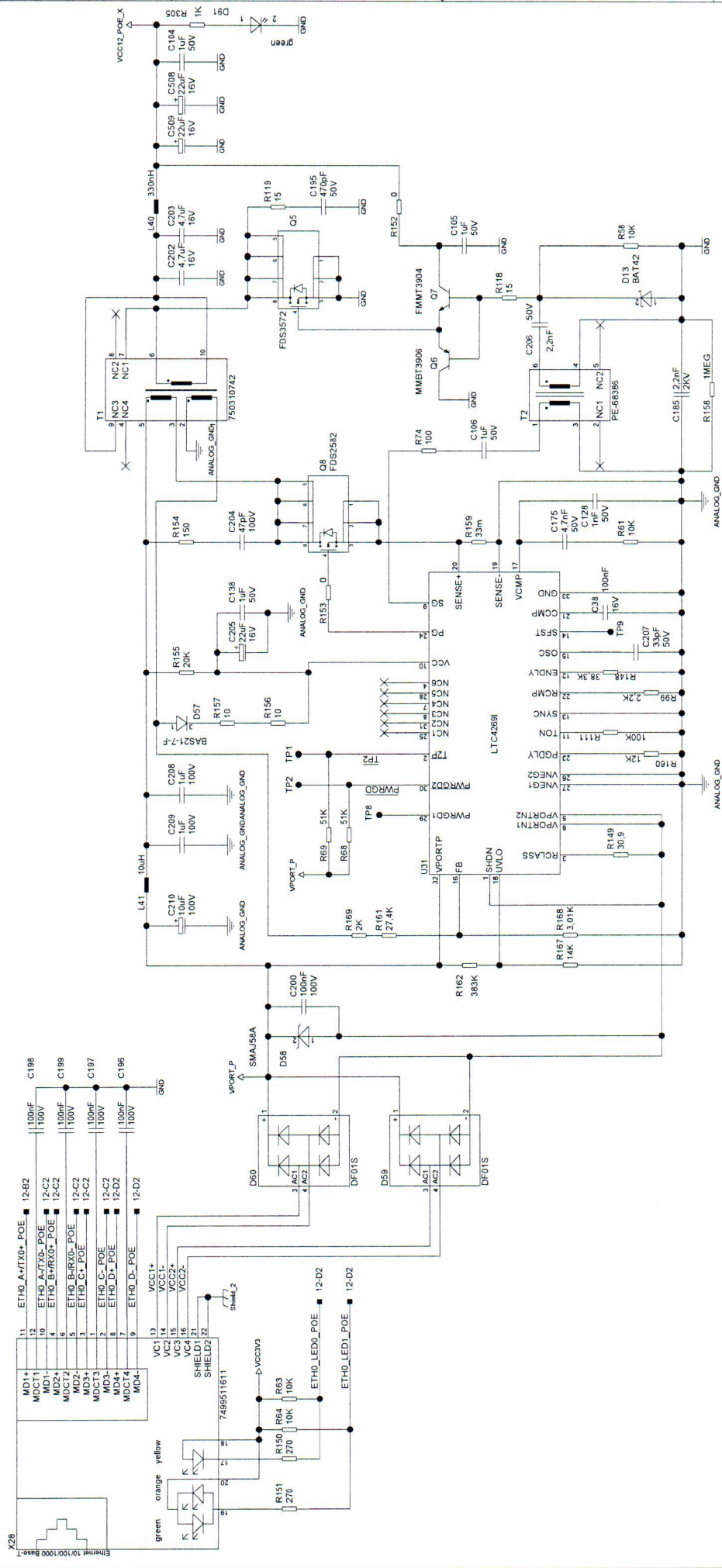


### DC POWER IN 12V



<b>PHYTEC</b>	
PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz	
Projekt: phyFLEX Carrierboard	
13.05.2013 PCB-No.: 1384.4	
Revision: 4	
Author: M.Achilles	
Department: F&E	
Revision: 4	
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# POE



A

B

C

D

A

B

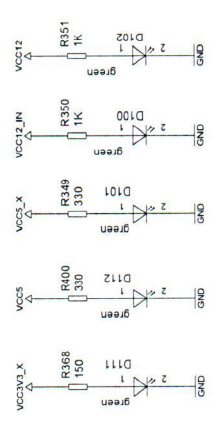
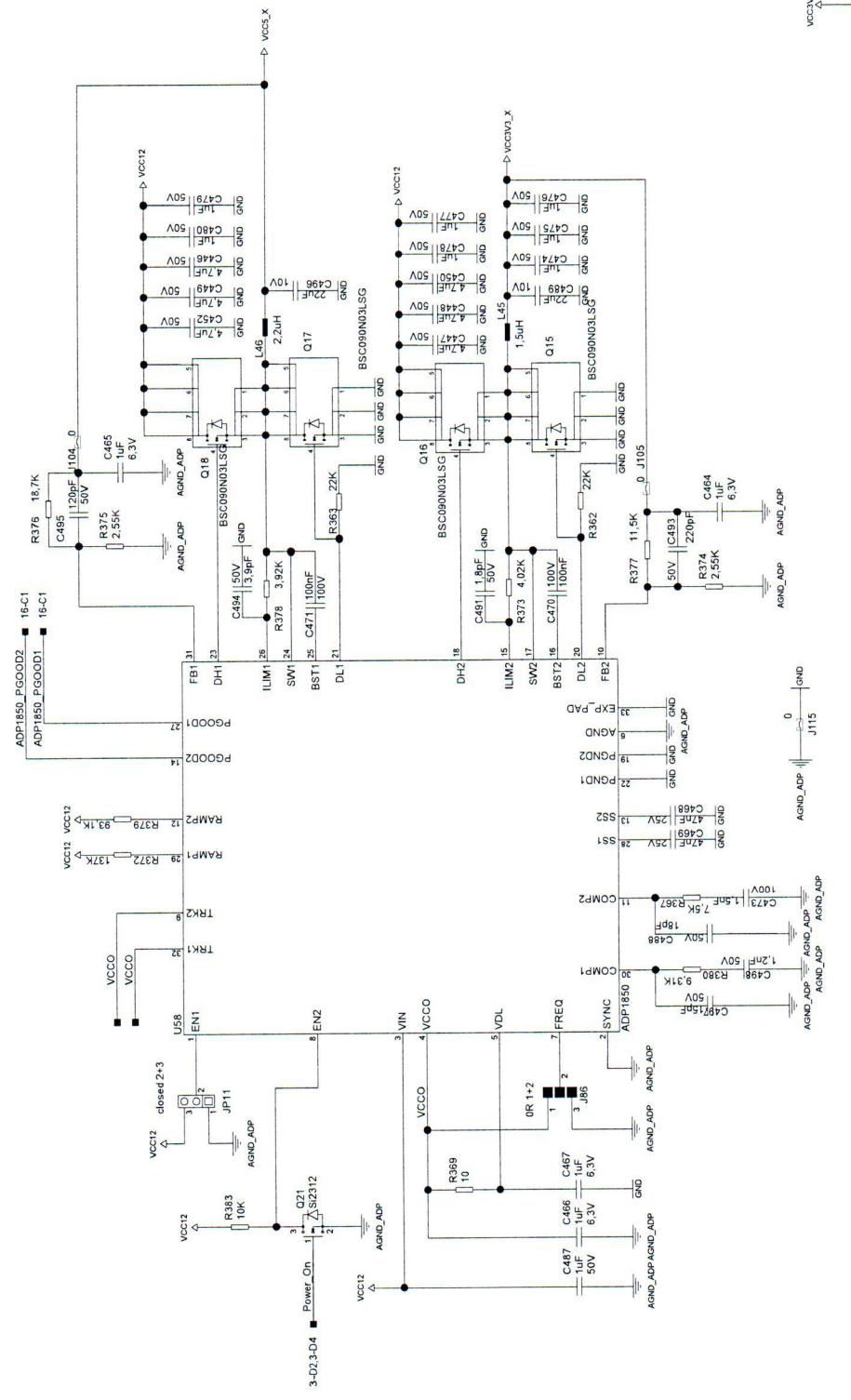
C

D

<b>PHYTEC</b>	
PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz	
Project:	phyFLEX Carrierboard
13.05.2013	PCB-No.: 1.354.4
Revision 4	Sheet 4 of 16



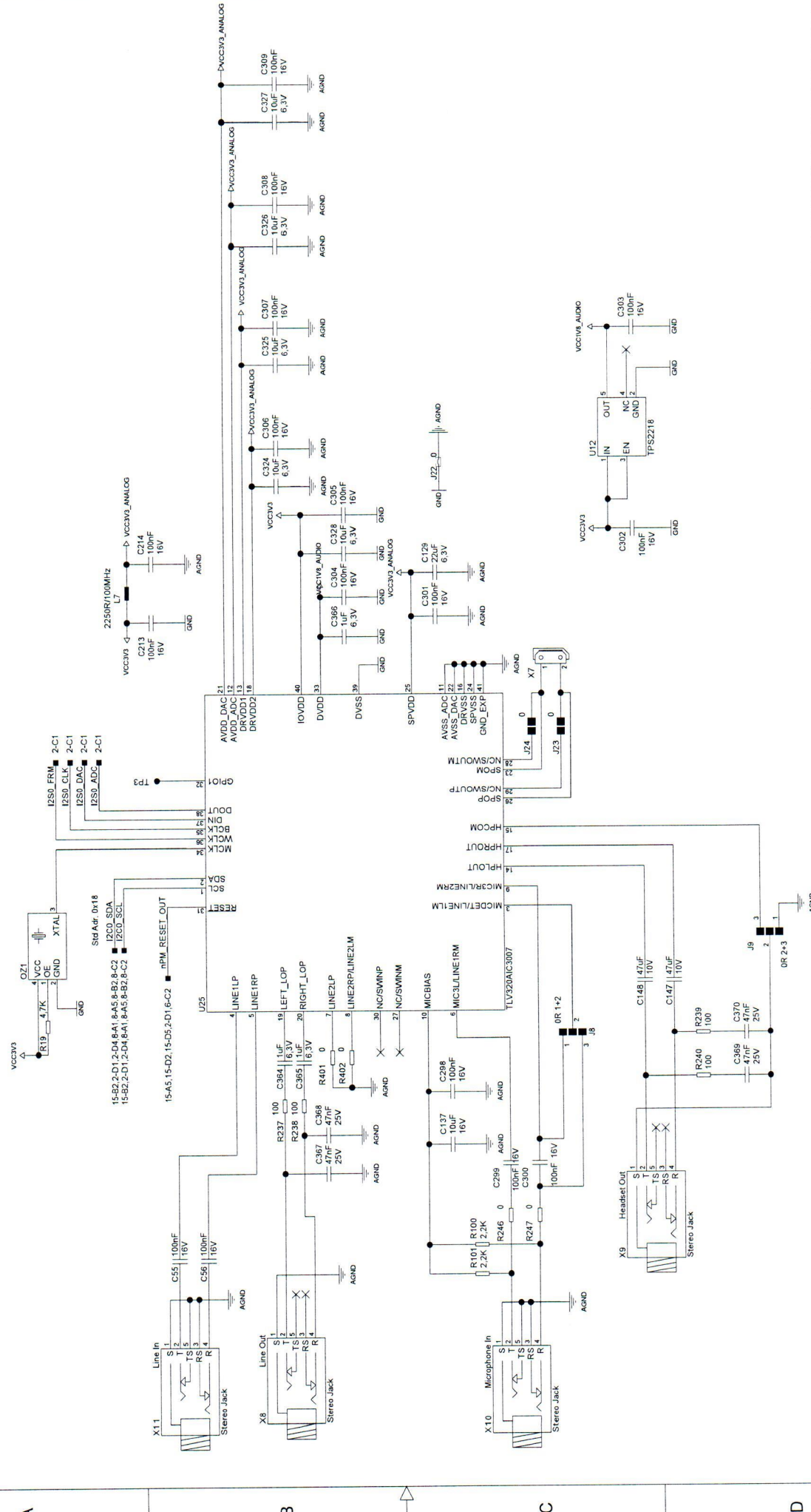
# 5V/3V3 Regulator 8A





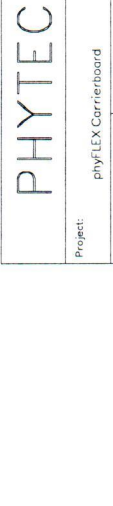
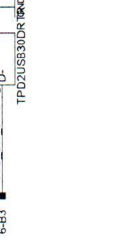
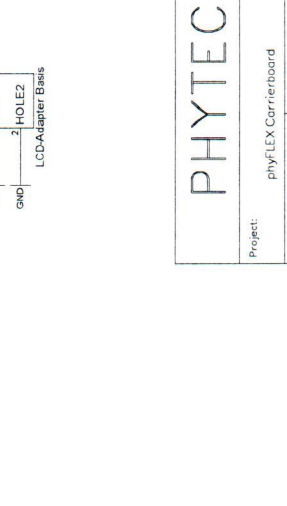
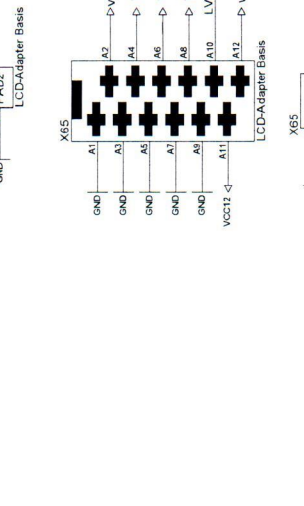
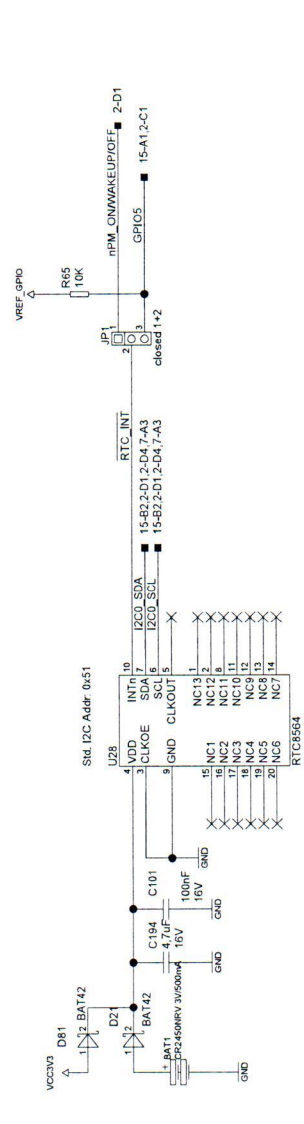
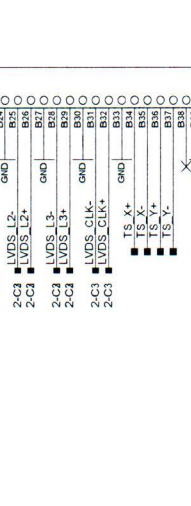
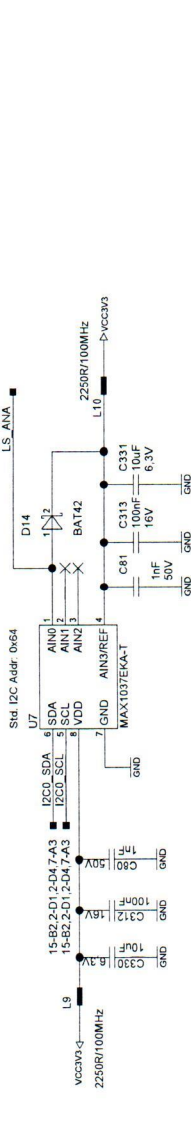
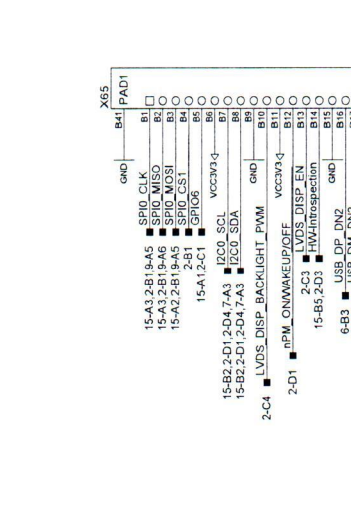
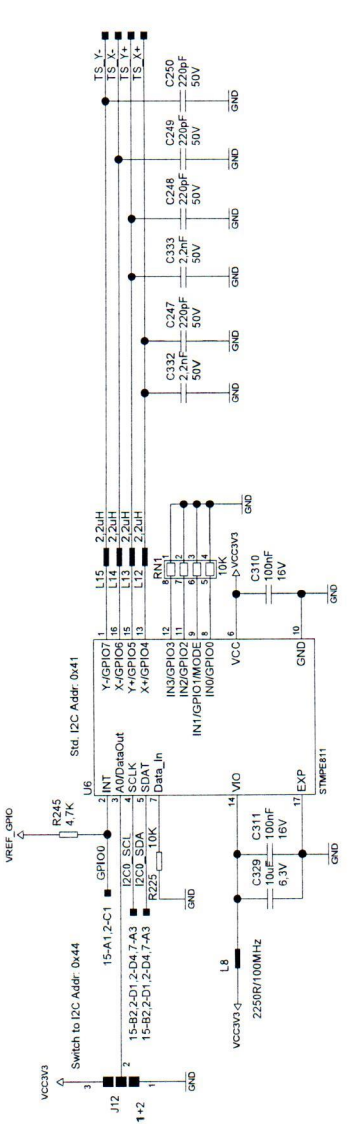


# I2S Audio



PHYTEC		PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz
		Department: F&E Autor: M.Achilles
Project:	phyFLEX Carrierboard	Revision 4
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# LCD Adapter



<b>PHYTEC</b>		PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz
Project:	phyFLEX Carrierboard	Department: F&E Author: M.Achilles
13.05.2013	PCB-No.: 1364.4	Revision: 4
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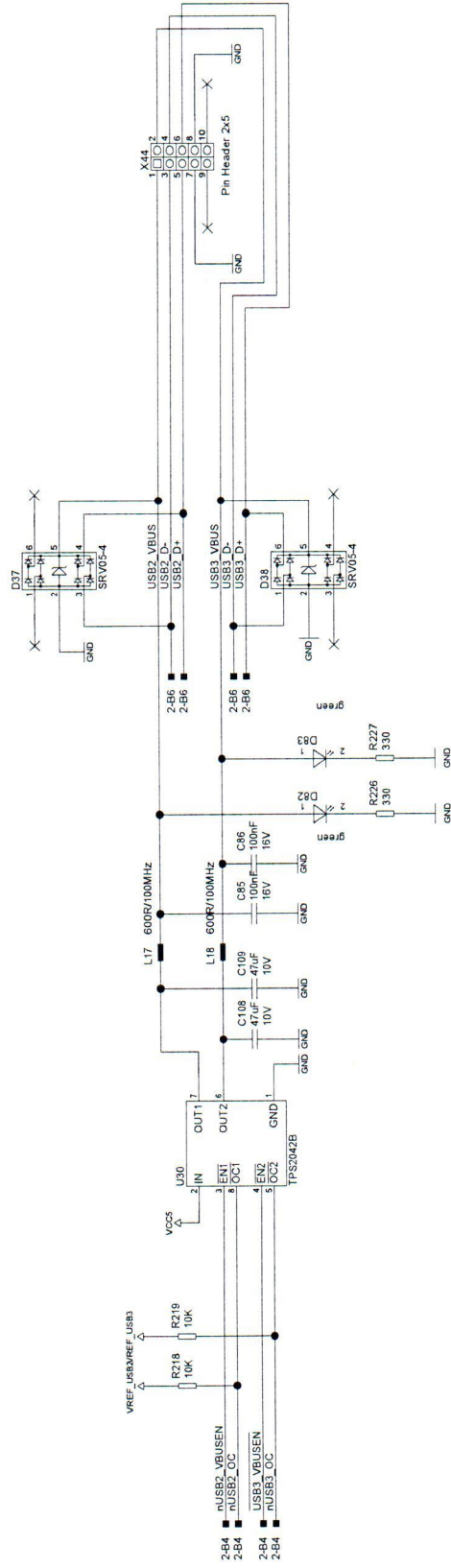




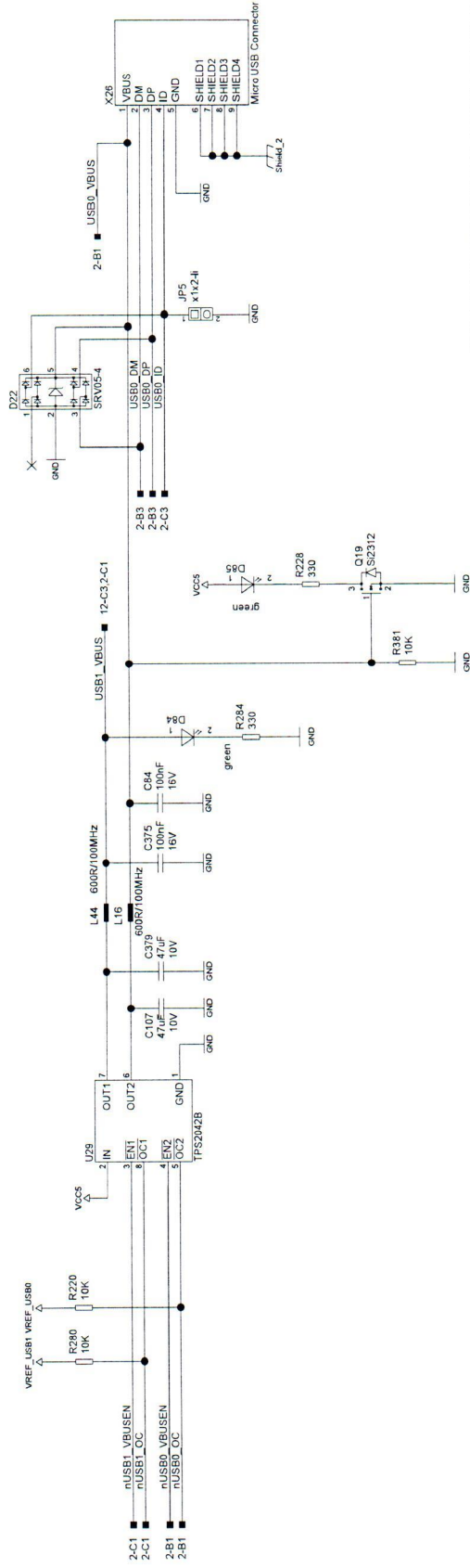




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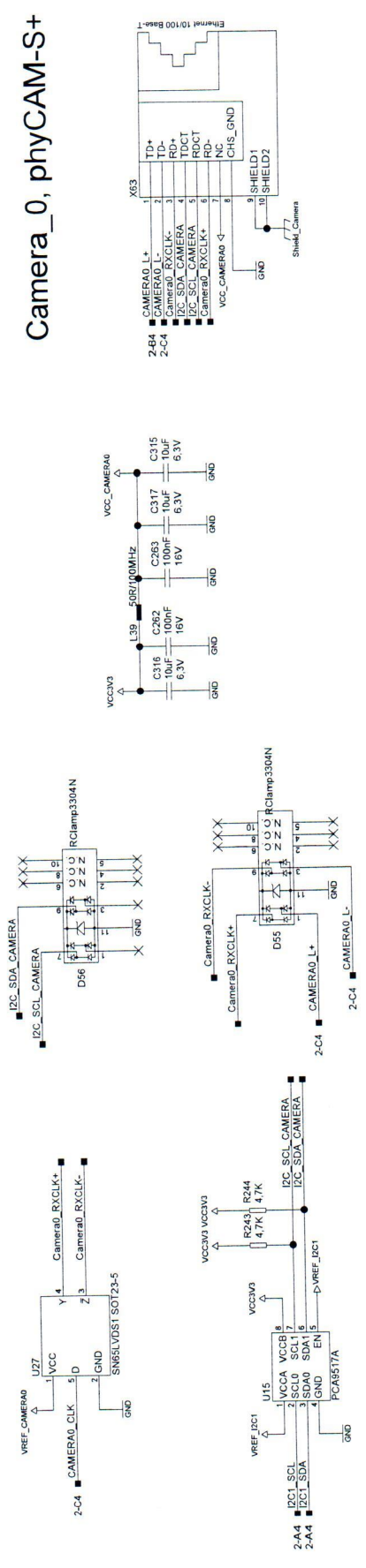
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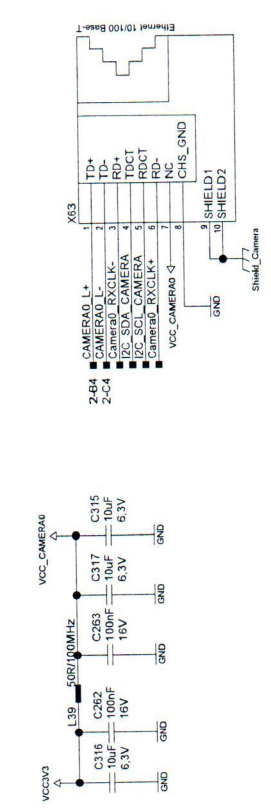
<b>PHYTEC</b>	
Project: phyFLEX Carrierboard	
13.05.2013 PCB-No.: 1364.4	
Department: f&E	Author: M.Achilles
Revision: 4	Sheet: 11 of 16



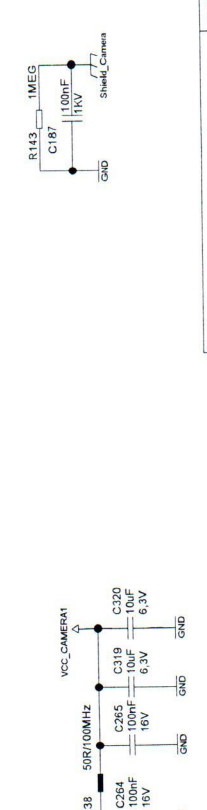
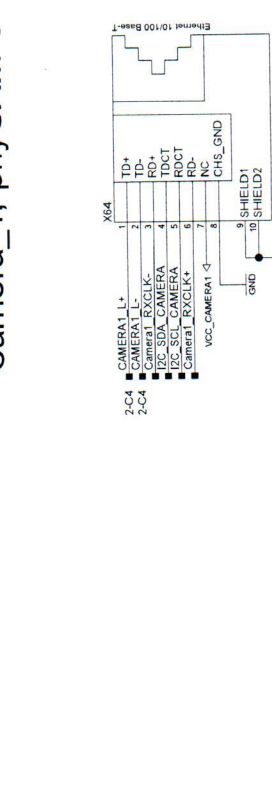
# Camera\_0/Camera\_1



# Camera\_0, phyCAM-S+



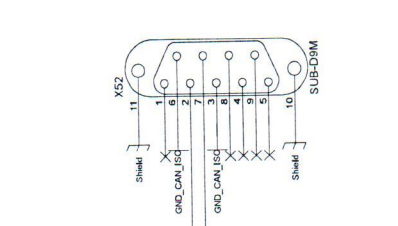
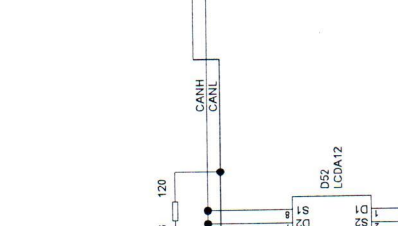
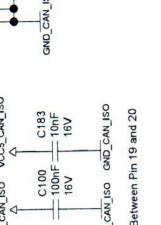
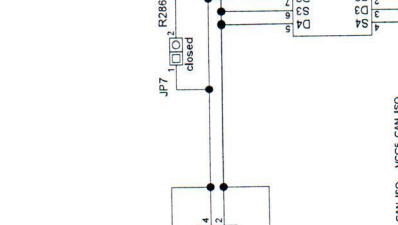
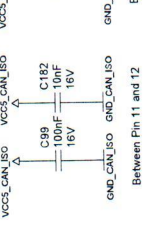
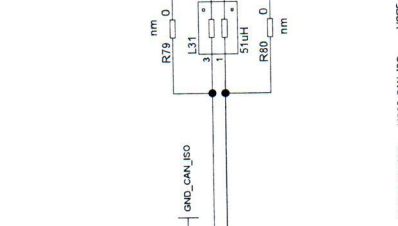
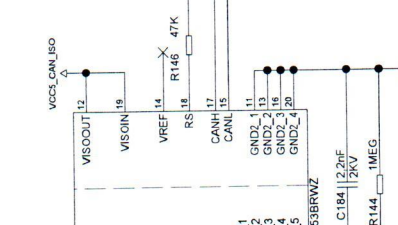
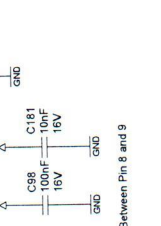
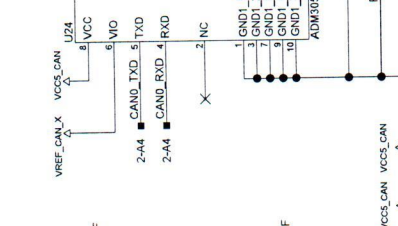
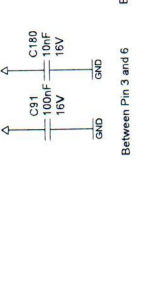
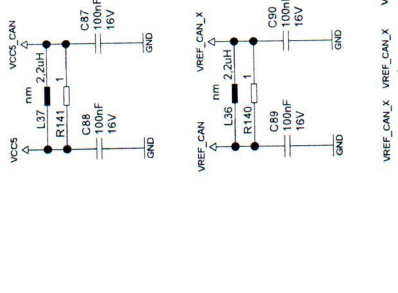
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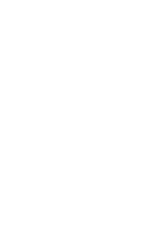
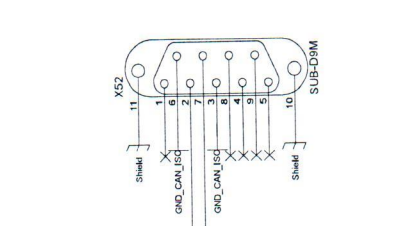
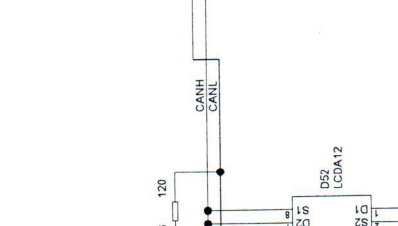
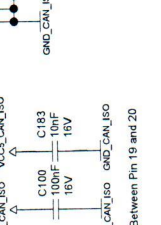
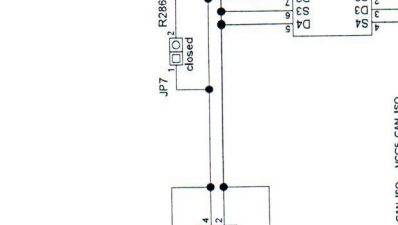
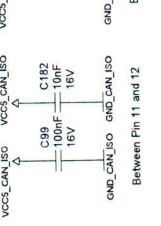
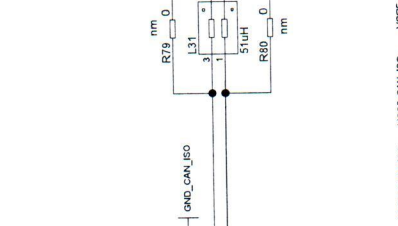
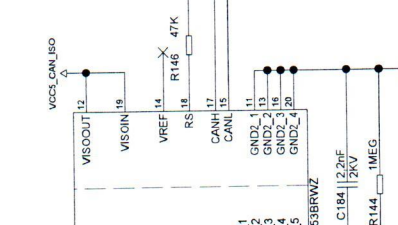
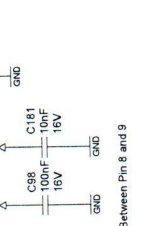
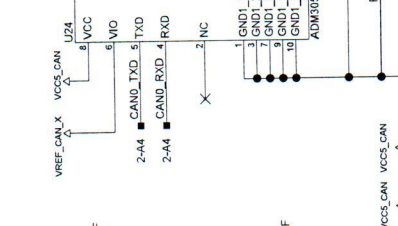
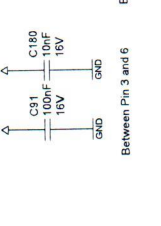
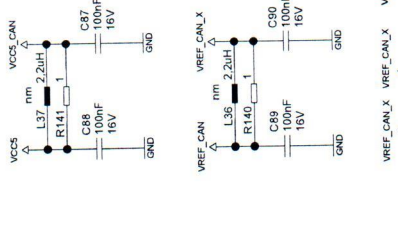
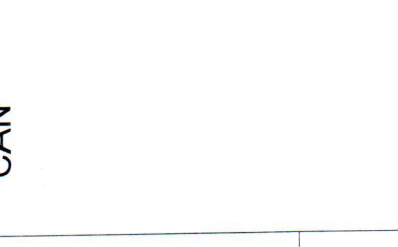
<b>PHYTEC</b>	
PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz	
Project: phyFLEX Carrierboard	
Department: F&E Author: M.Achilles	
1.3.05.2013	PCB-Nr.: 1.364.4
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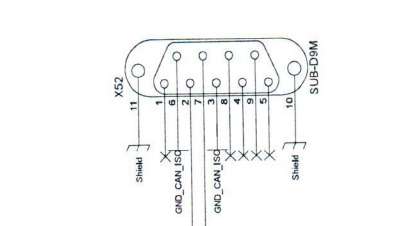
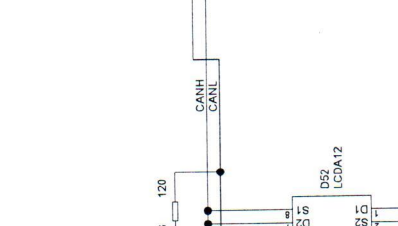
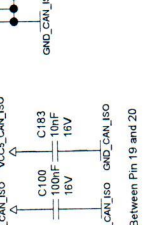
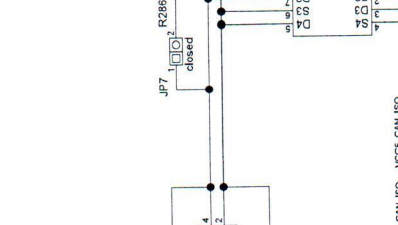
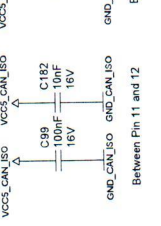
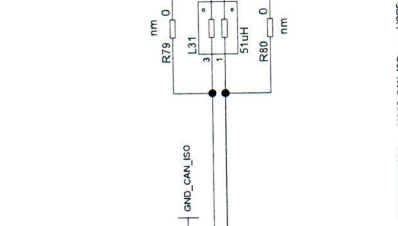
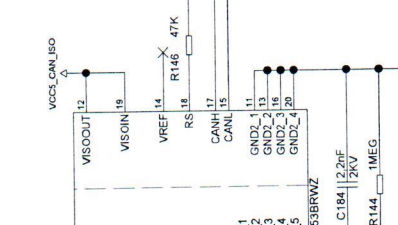
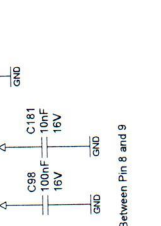
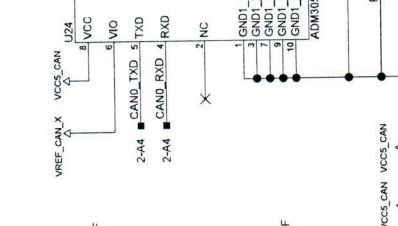
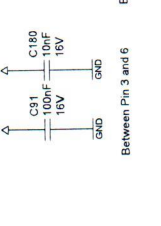
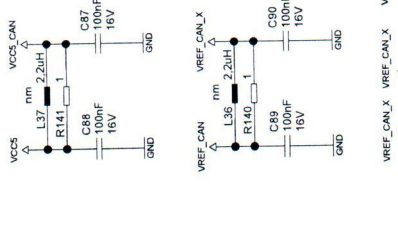
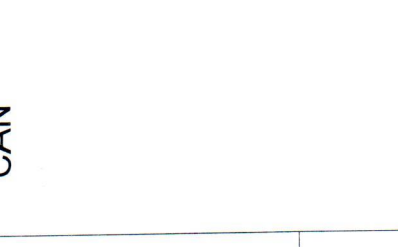
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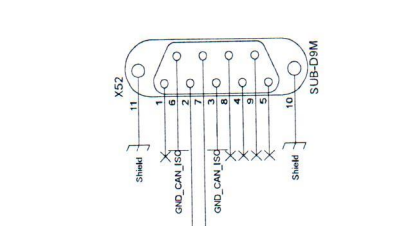
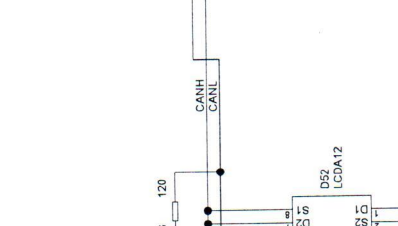
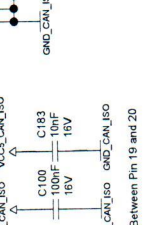
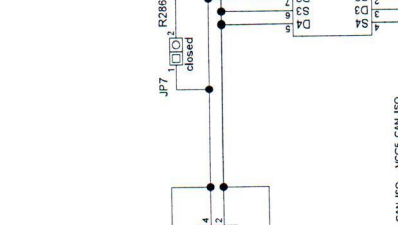
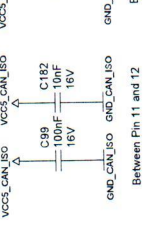
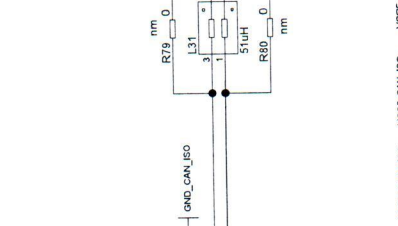
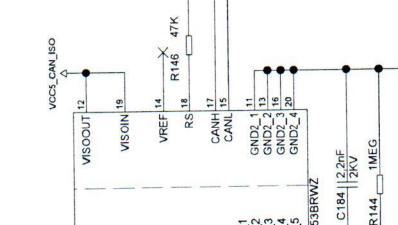
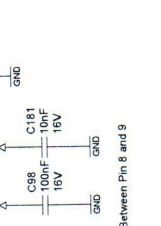
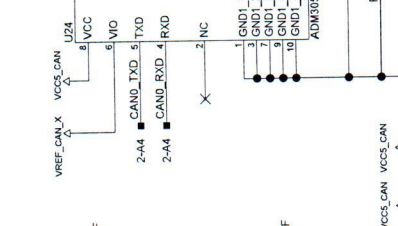
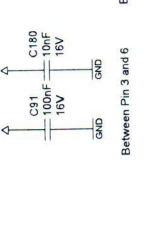
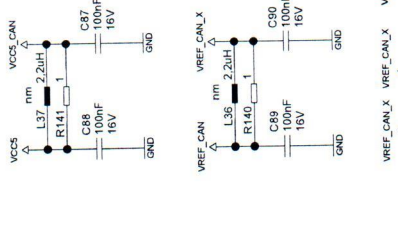
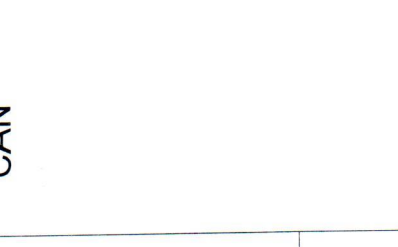
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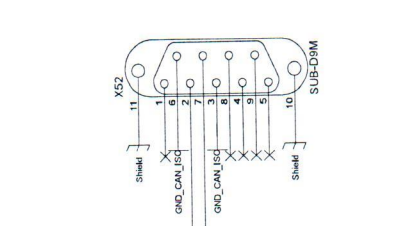
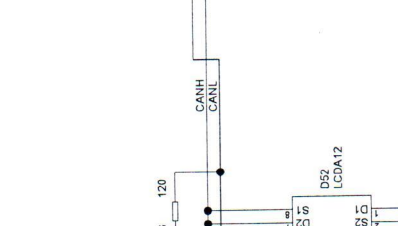
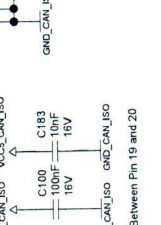
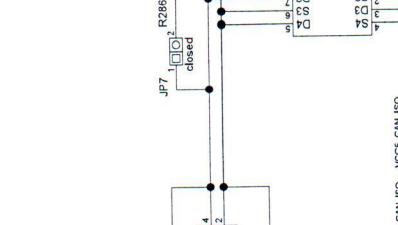
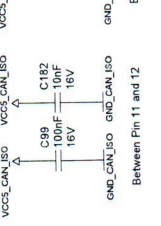
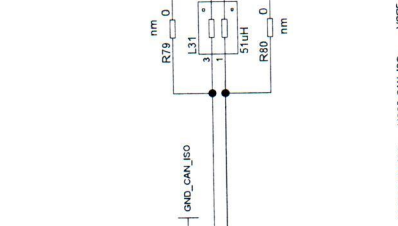
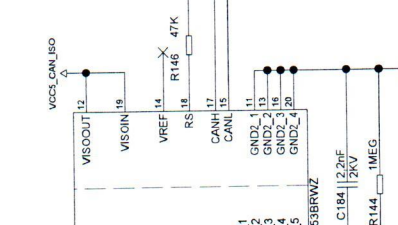
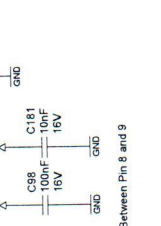
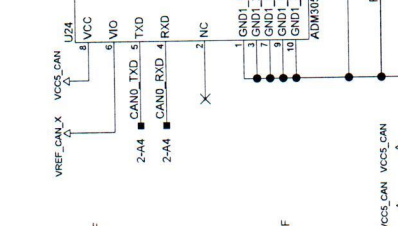
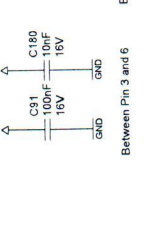
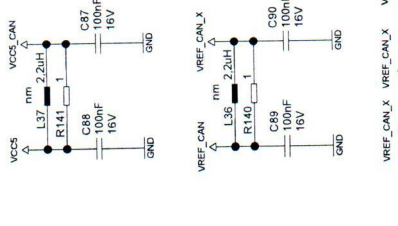
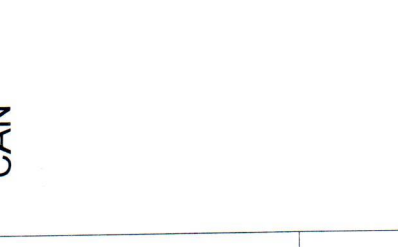
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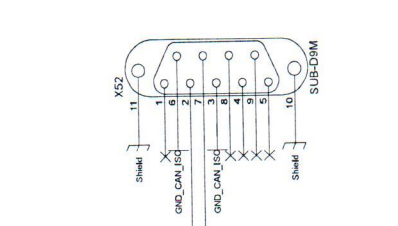
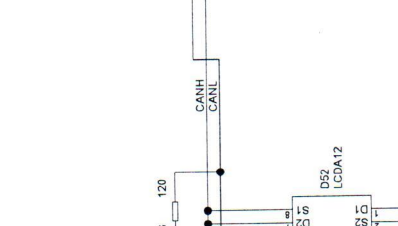
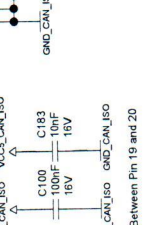
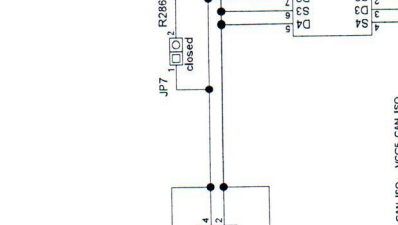
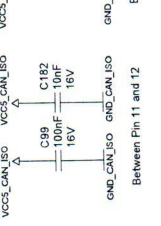
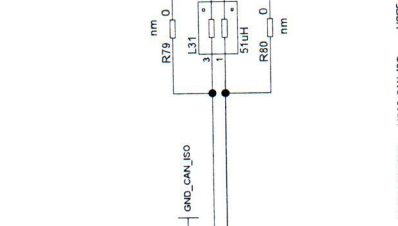
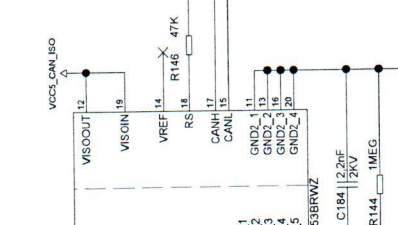
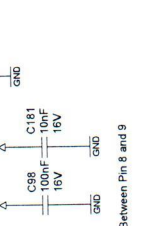
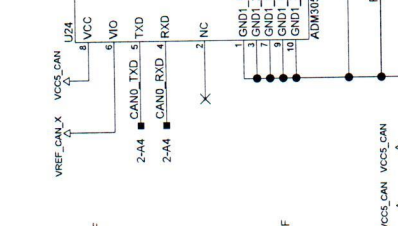
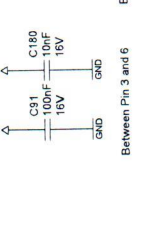
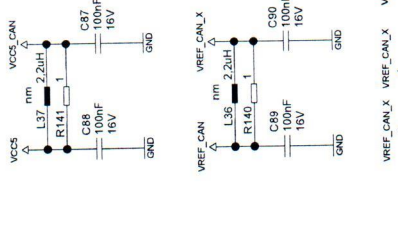
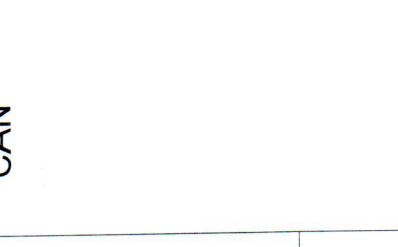
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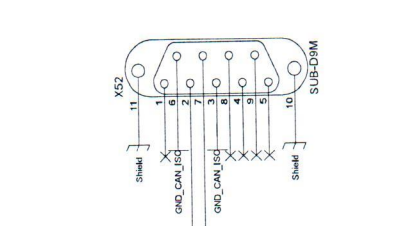
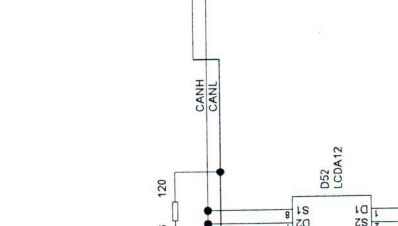
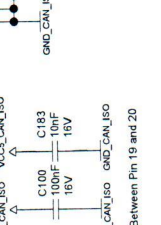
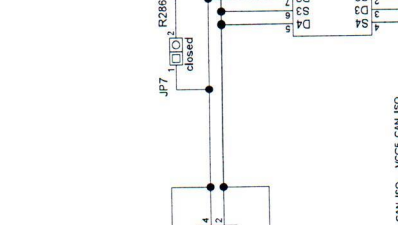
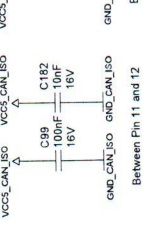
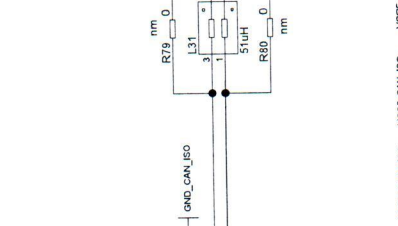
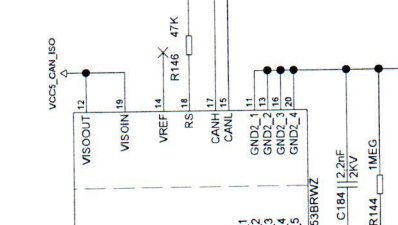
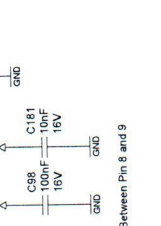
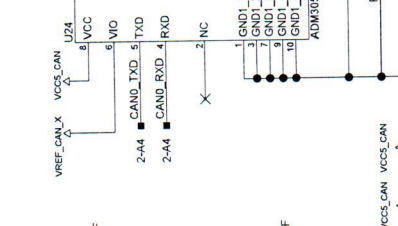
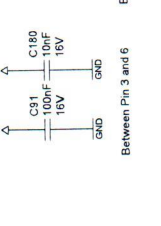
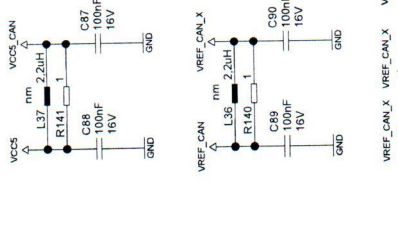
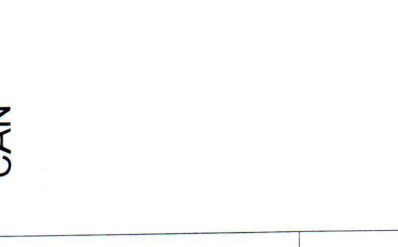
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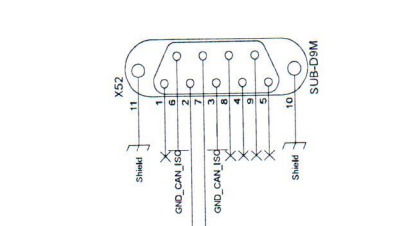
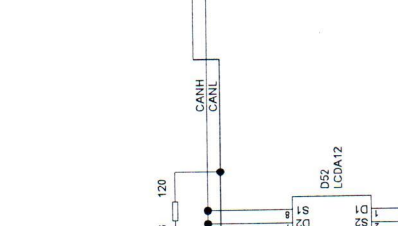
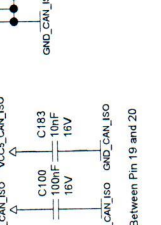
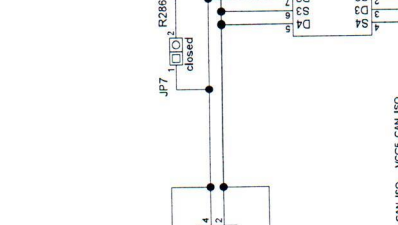
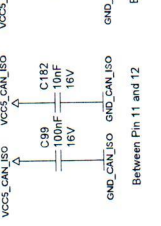
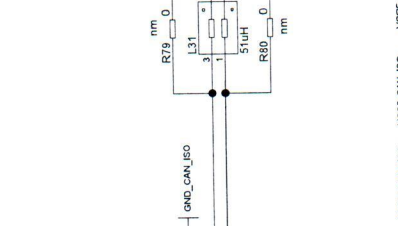
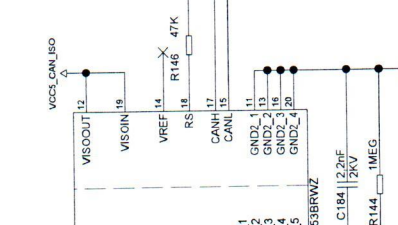
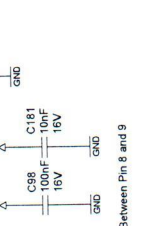
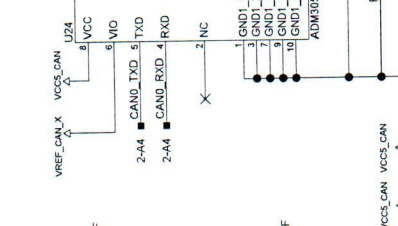
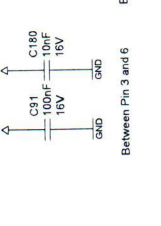
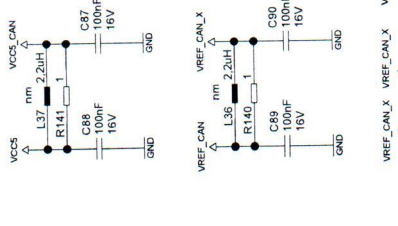
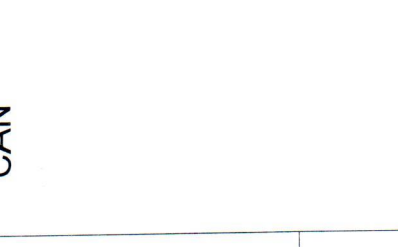
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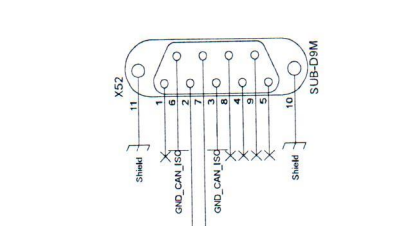
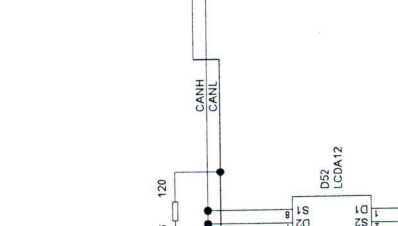
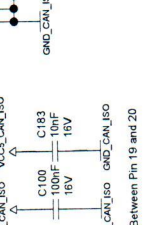
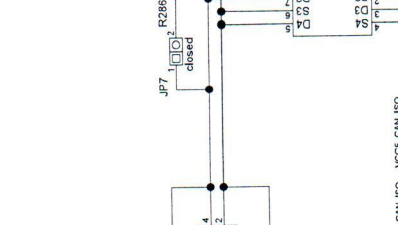
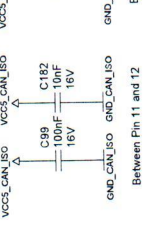
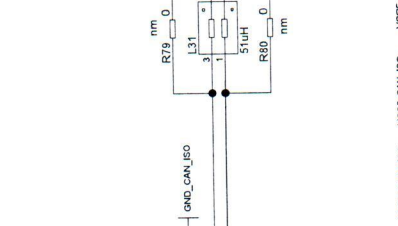
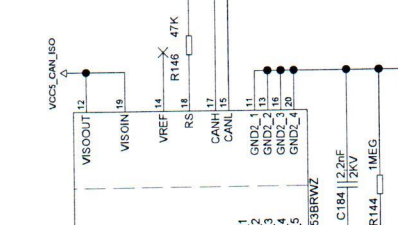
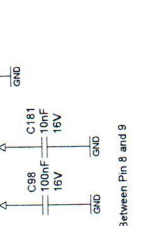
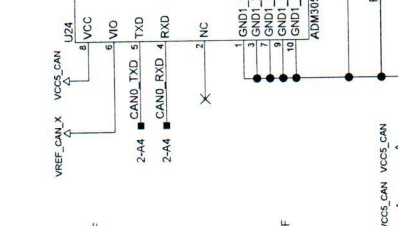
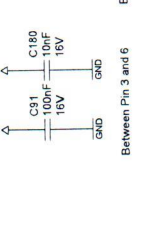
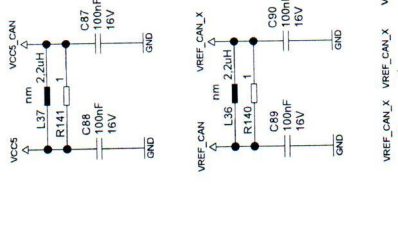
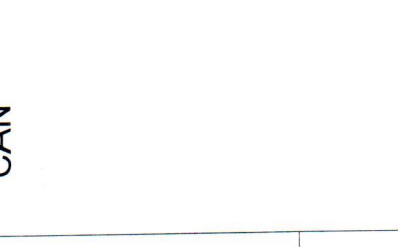
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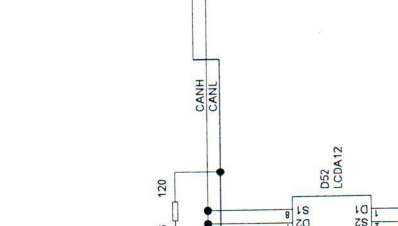
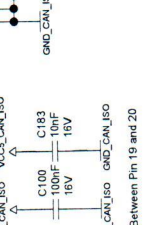
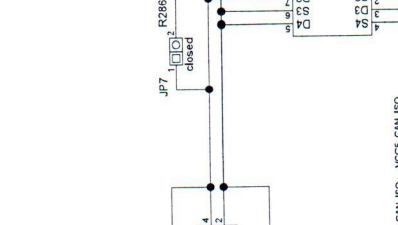
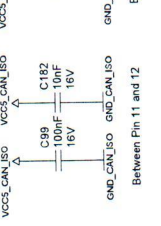
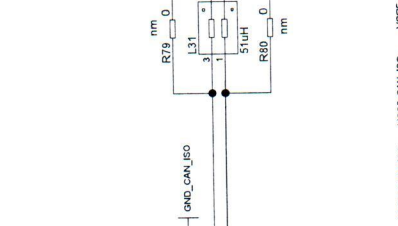
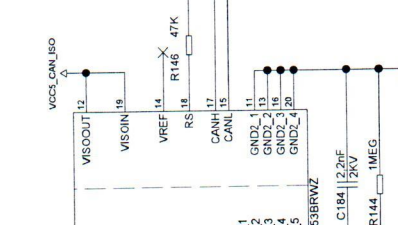
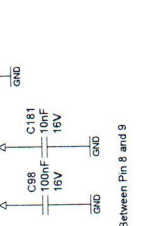
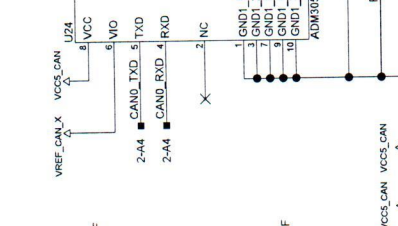
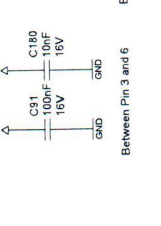
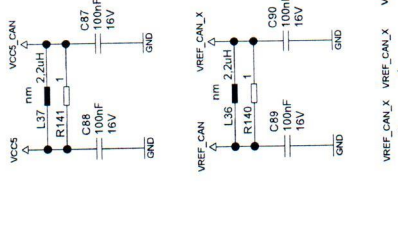
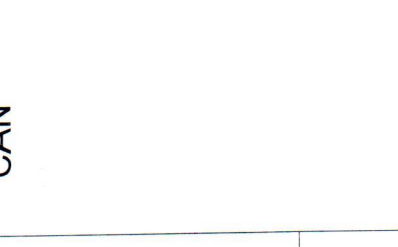
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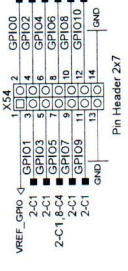
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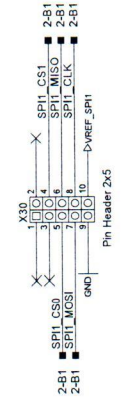
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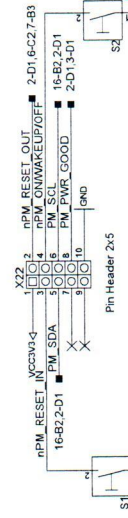
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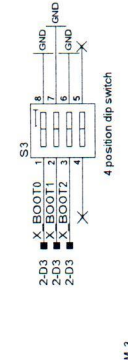
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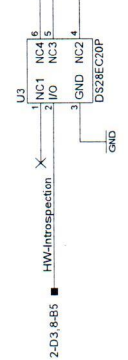
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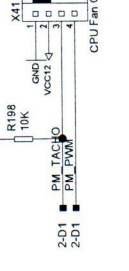
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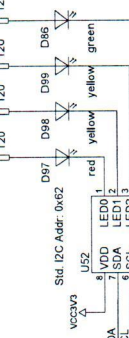
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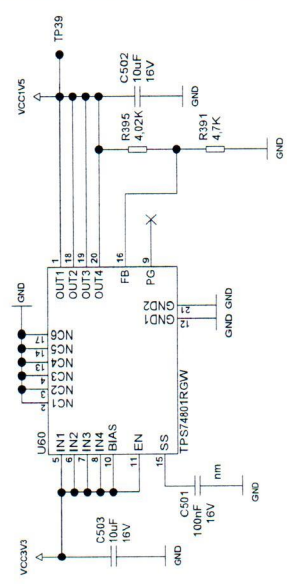
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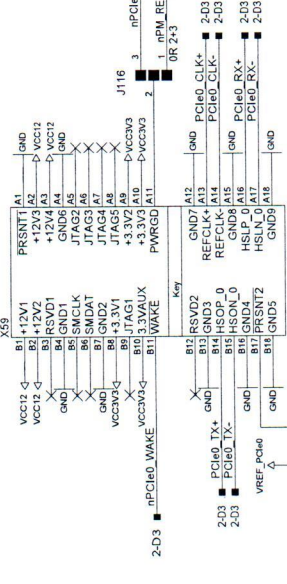
### User LED



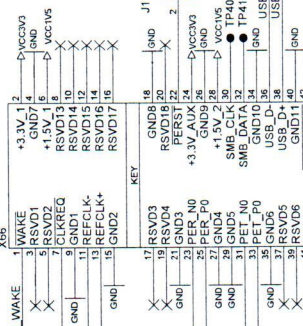
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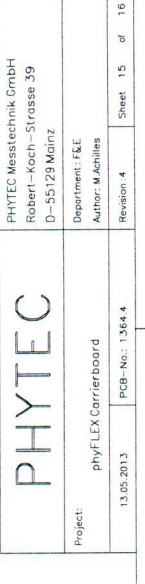
### PCIe0



### mini PCIe1



### D



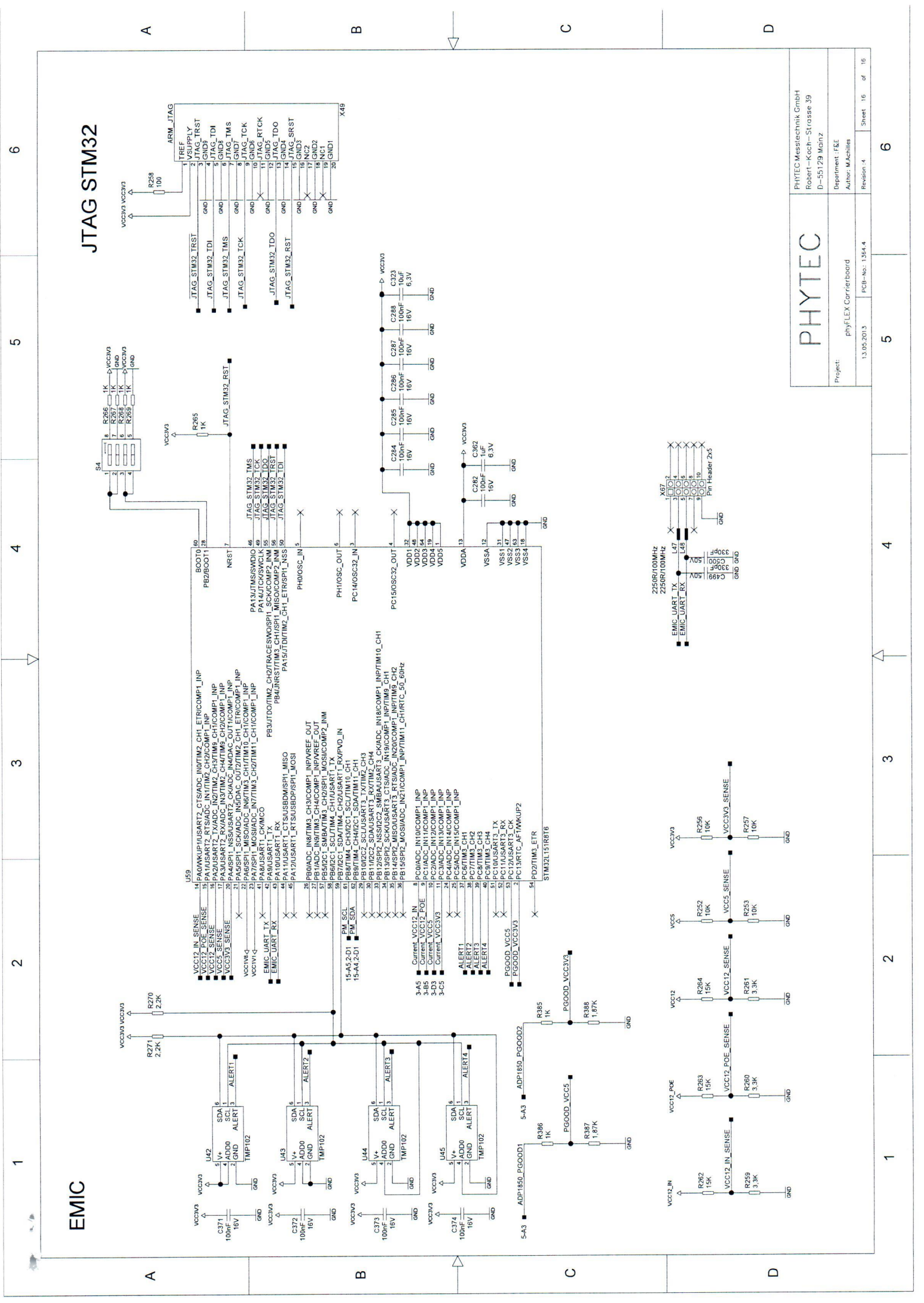
# PHYTEC

PHYTEC Messtechnik GmbH  
Robert-Koch-Strasse 39  
D-55129 Mainz

Project: phyFLEX Carrierboard  
13.05.2013  
PCB-No.: 1364\_4

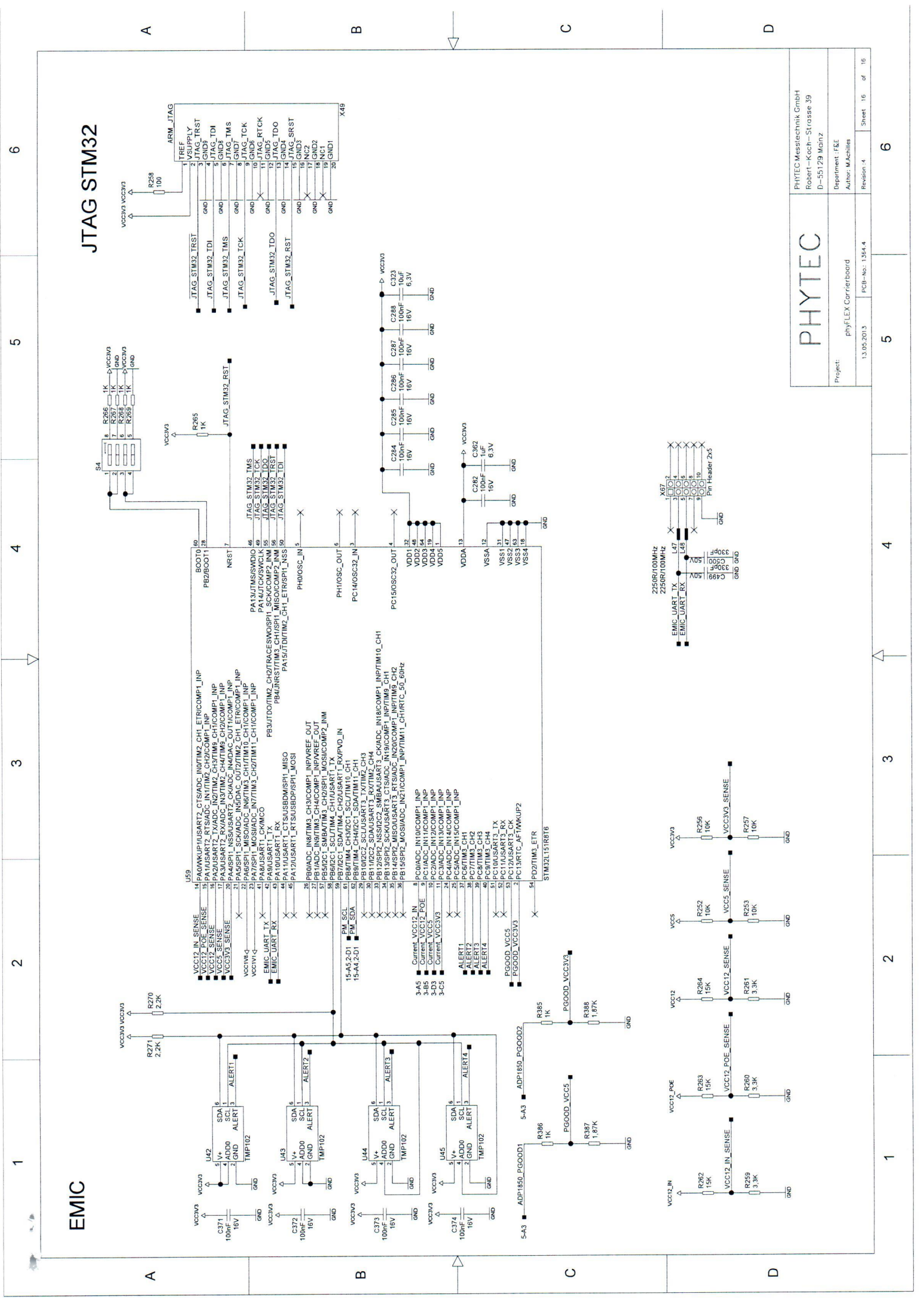
Department: F&E  
Author: M.Ashles  
Revision: 4





EMIC

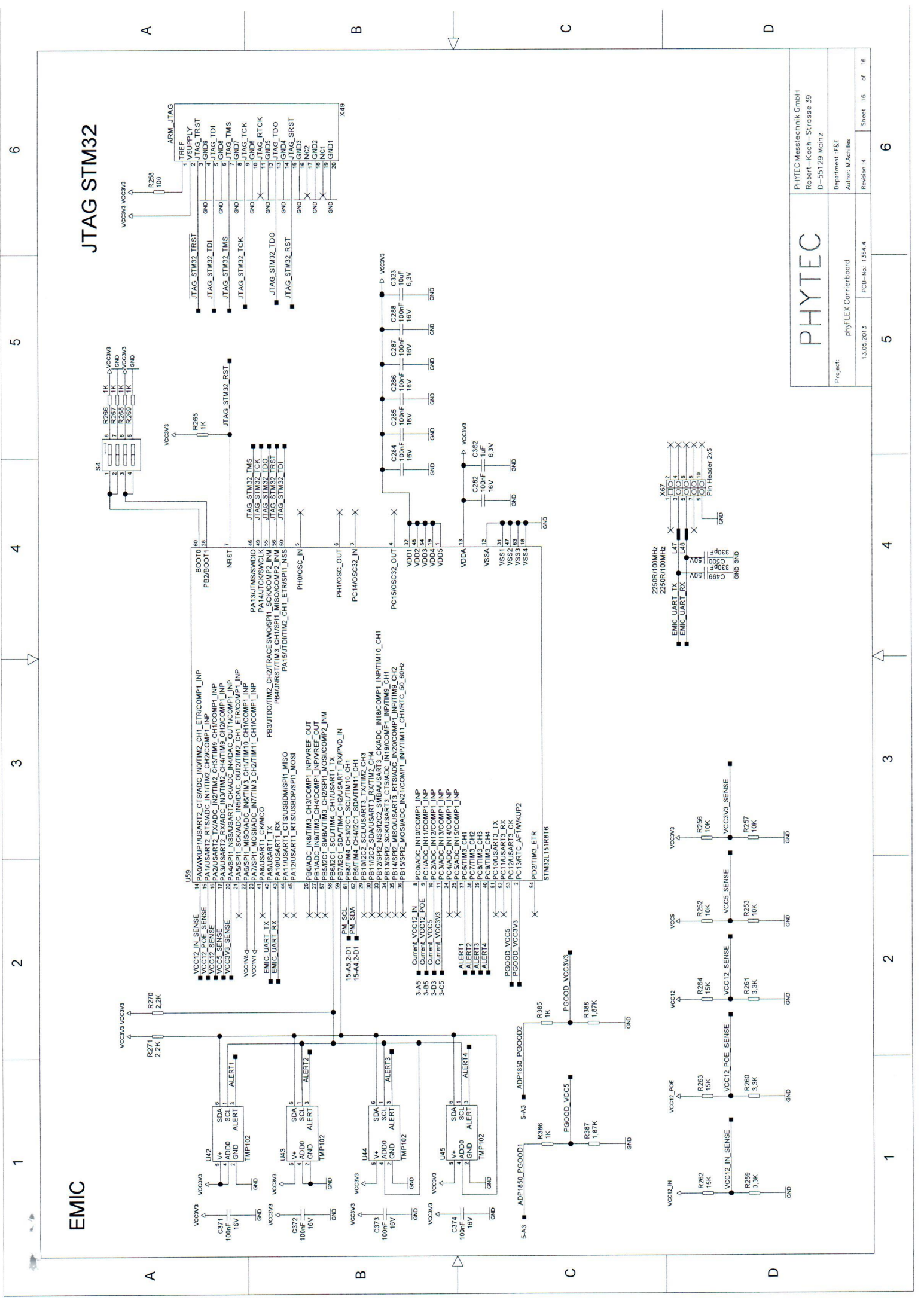
JTAG STM32



EMIC

JTAG STM32

<b>PHYTEC</b>	
PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz	
Project:	phyFLEX Carrierboard
13.05.2013	PCB-No.: 1364.4
Revision: 4	Sheet: 16 of 16



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JTAG STM32

<b>PHYTEC</b>	
PHYTEC Messtechnik GmbH Robert-Koch-Strasse 39 D-55129 Mainz	
Project:	phyFLEX Carrierboard
13.05.2013	PCB-No.: 1364.4
Revision: 4	Sheet: 16 of 16