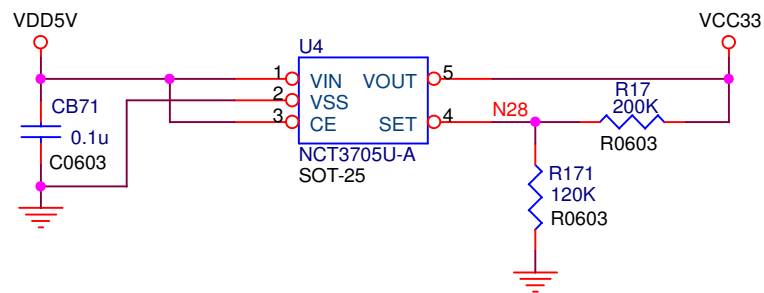


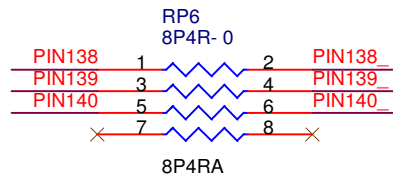
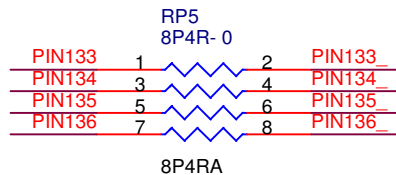
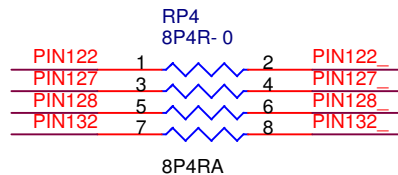
**Off-page Connector**

VDD5V	>>> ICE_USBVBUS
VCC33	>>> VCC33
VBAT	>>> VBAT
VREF	>>> VREF
GND	>>> GND
ADAVSS	>>> ADAVSS
AVDD	>>> AVDD

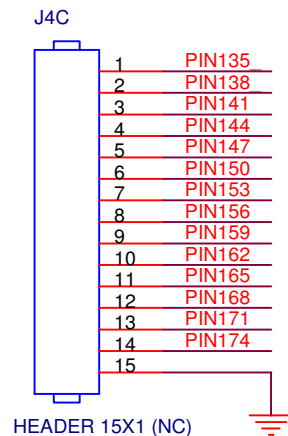
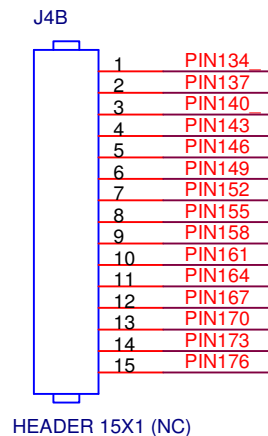
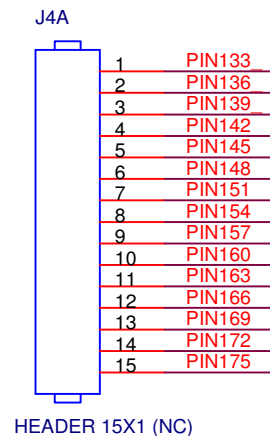
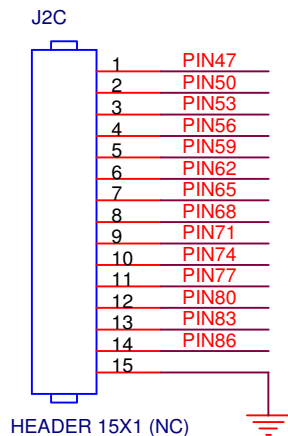
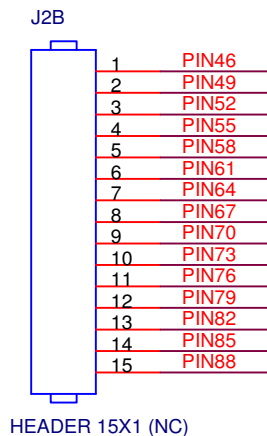
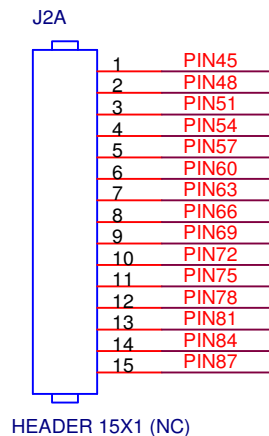
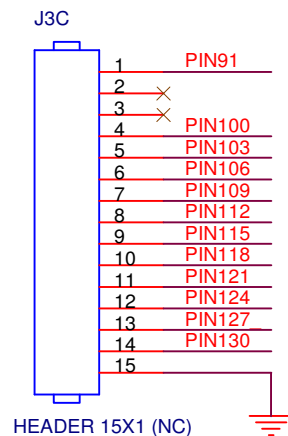
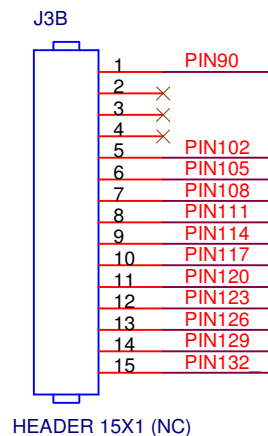
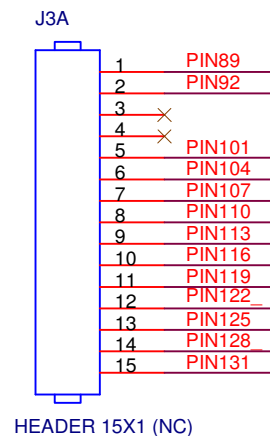
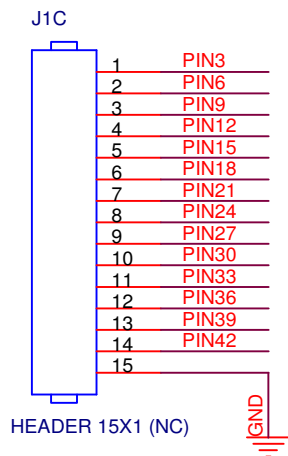
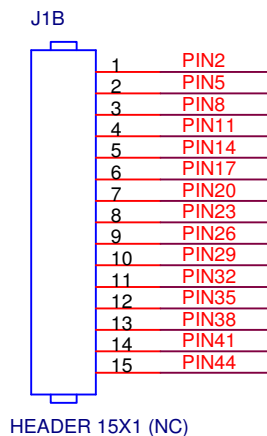
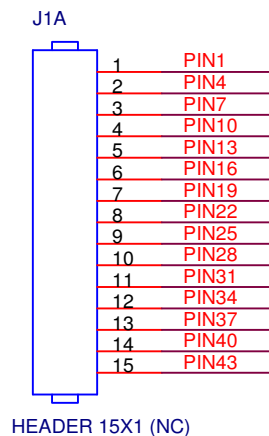
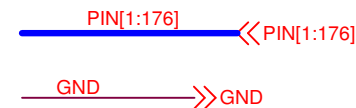
# POWER



Title		
Power		
Size	Document Number	Rev
A	<Doc>	V3.0
Date:	Friday, March 06, 2015	Sheet 1 of 1

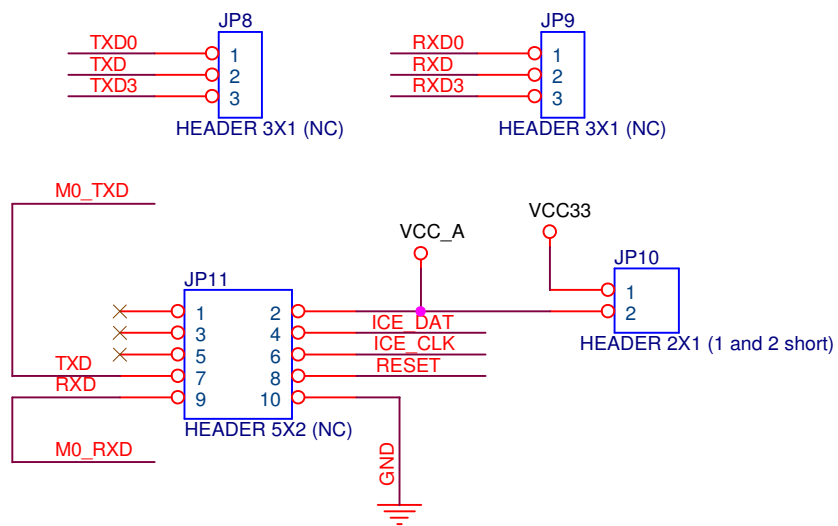


### Off-page Connector



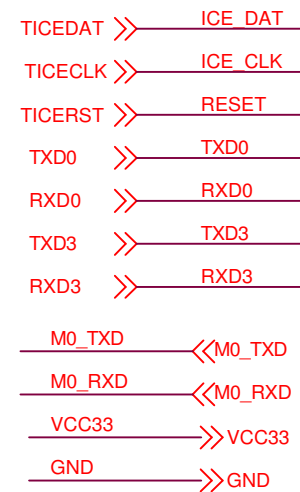
# PIN CONNECTOR

Title		
Pin Connector		
Size	Document Number	Rev
A	<Doc>	V3.0
Date:	Friday, March 06, 2015	Sheet 1 of 1

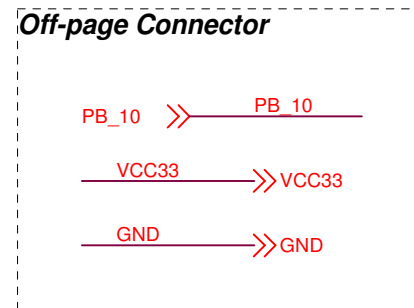
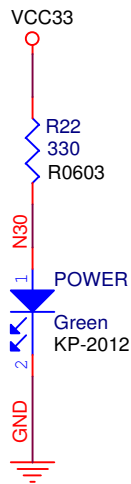
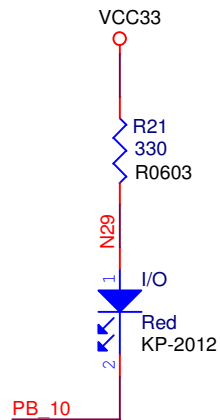


## ICE INTERFACE

### Off-page Connector



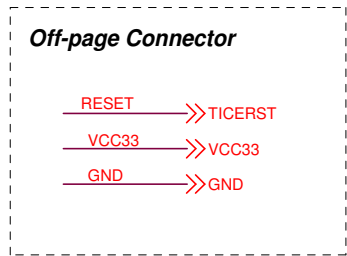
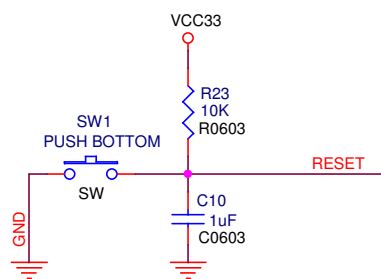
Title		
ICE Interface		
Size A	Document Number <Doc>	Rev V3.0
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***LED***

Title		
LED		
Size	Document Number	Rev
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**RESET**

Title		
Reset		
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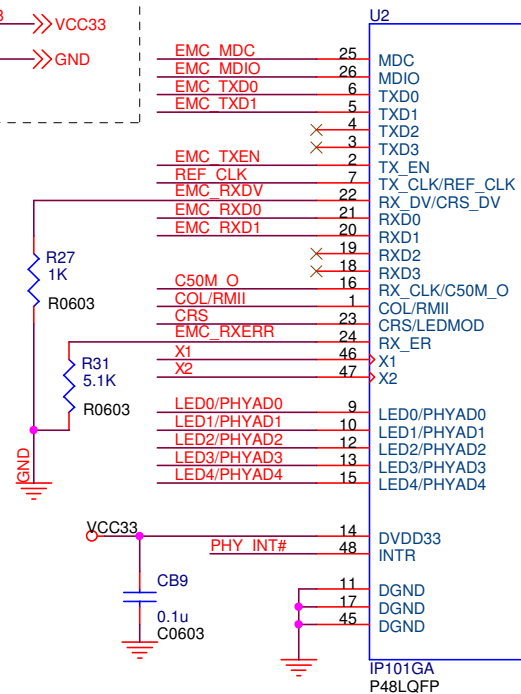
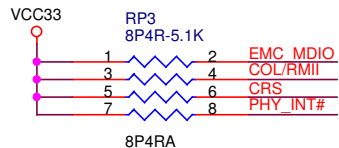
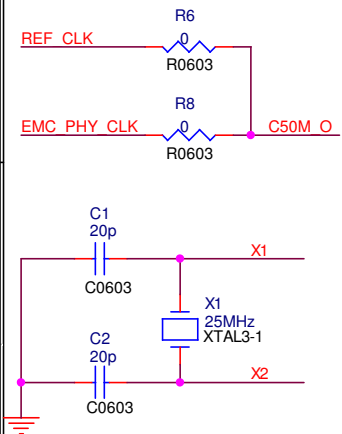
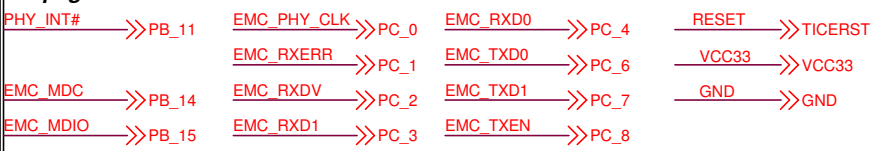
### Off-page Connector

<u>USB_OC#</u>	»» PB_0	<u>VDD5V</u>	»» ICE_USBVBUS
<u>USB_PWR_EN</u>	»» PB_1	<u>VCC33</u>	»» VCC33
<u>USB_VBUS</u>	»» USB_VBUS	<u>GND</u>	»» GND
<u>USB_ID</u>	»» USB_ID		
<u>USB_D+</u>	»» USB_D+		
<u>USB_D-</u>	»» USB_D-		



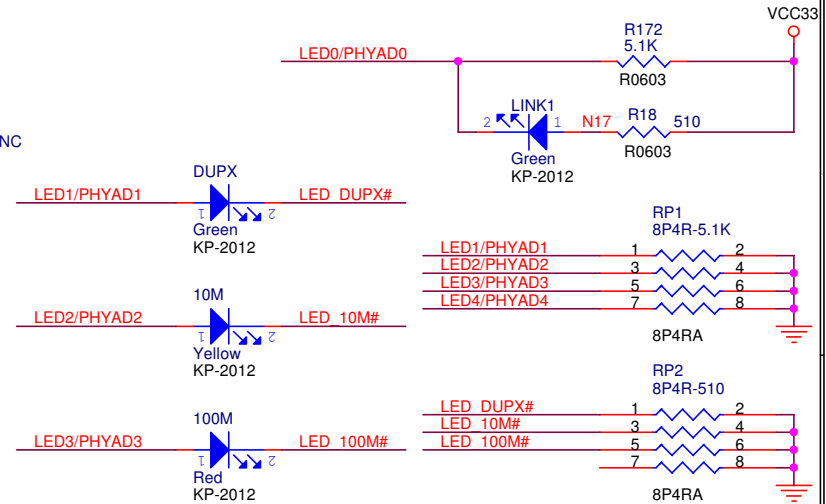
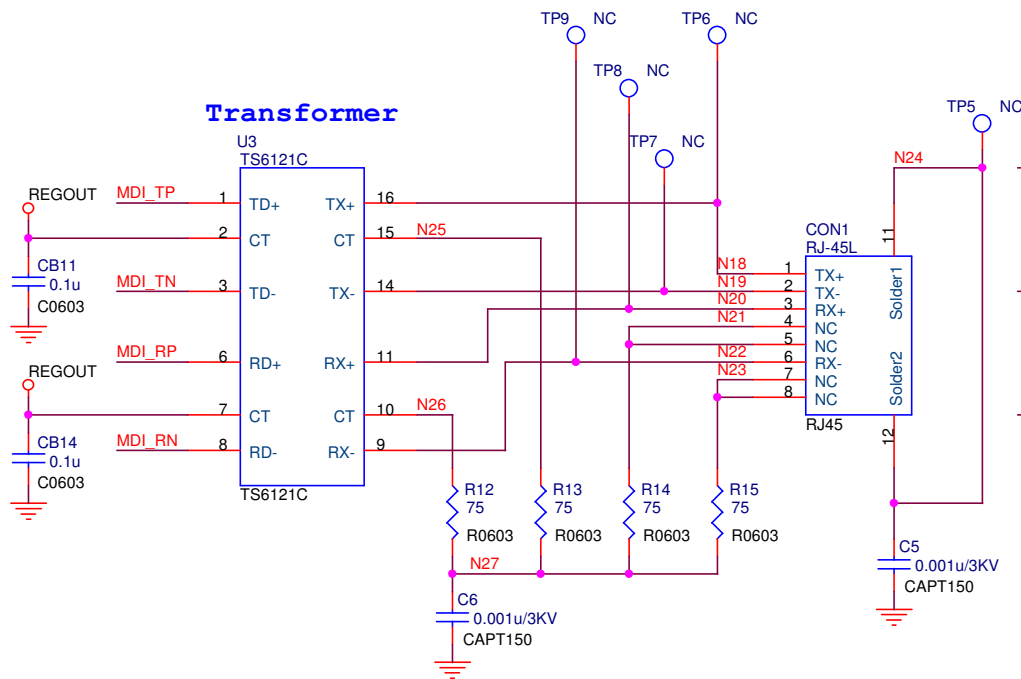
Title <b>USB OTG Host/Device</b>			
Size A4	Document Number		Rev <b>V3.0</b>
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# Off-page Connector



## Ethernet

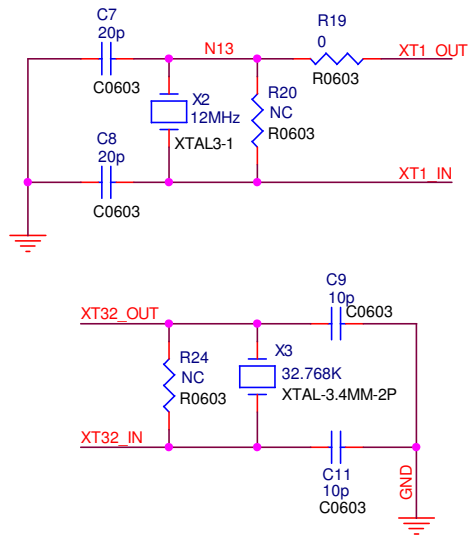
## 10/100 Mbps Fast Ethernet PHY



## Power-on Settings & LED display

Title		
Ethernet		
Size	Document Number	Rev
A4		V3.0
Date:	Friday, March 06, 2015	Sheet 2 of 4



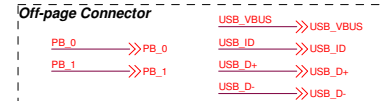
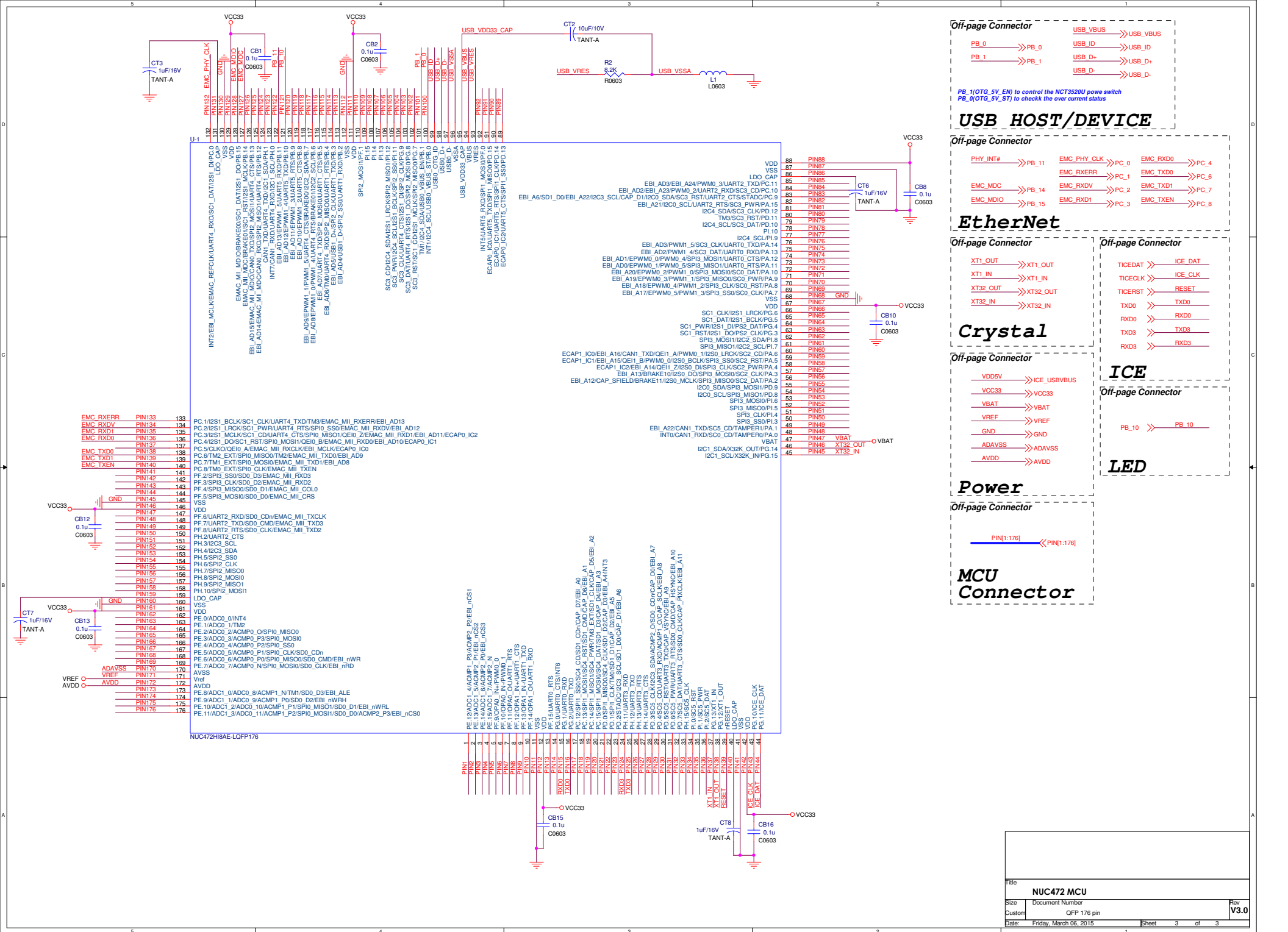


#### Off-page Connector

XT1\_OUT >>> XT1\_OUT  
 XT1\_IN >>> XT1\_IN  
 XT32\_OUT >>> XT32\_OUT  
 XT32\_IN >>> XT32\_IN  
 GND >>> GND

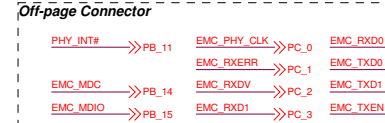
**CRYSTAL**

Title		
Crystal		
Size A4	Document Number	Rev V3.0
Date:	Friday, March 06, 2015	Sheet 2 of 4

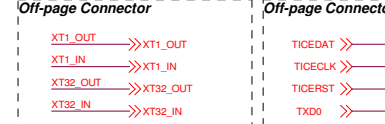


PB\_1(OTG\_5V\_EN) to control the NCT3520U power switch  
PB\_0(OTG\_5V\_ST) to check the over current status

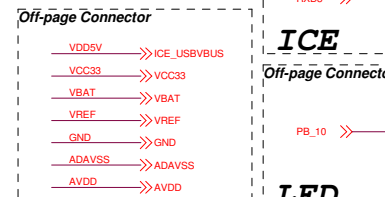
## USB HOST/DEVICE



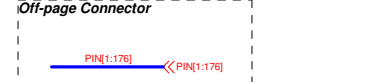
## EtherNet



## Crystal



## Power



## MCU Connector

NUC472 MCU		
Size	Document Number	Rev
Custom	QFP 176 pin	V3.0
Date:	Friday, March 06, 2015	Sheet 3 of 3