



**EFR32 Flex Gecko Radio Board**

868 MHz, 14 dBm, DCDC to PAVDD

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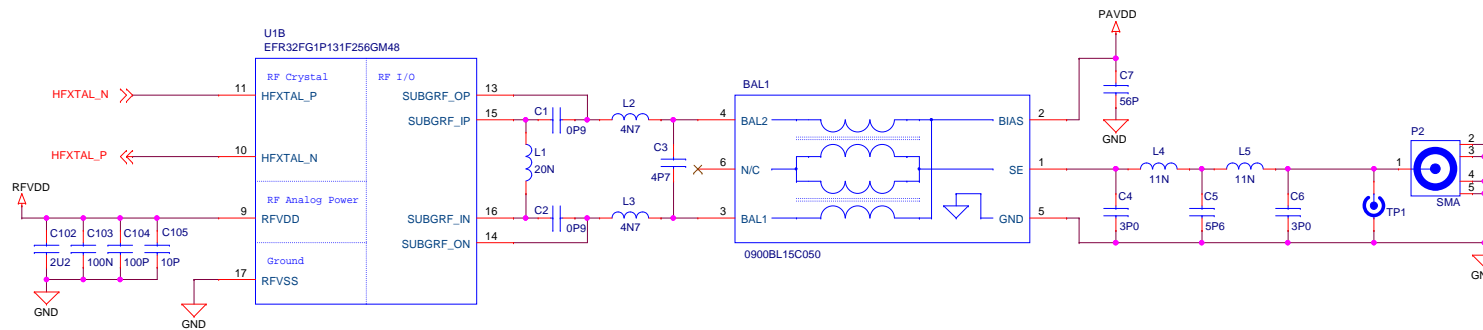
Revision History	
Rev.	Description
A00	Initial release.

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SCHEMATIC1



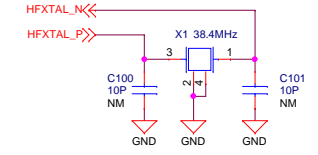
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		<b>EFR32FG 868 MHz Radio Board</b>	
Designed: JSH Approved: JNO		Page Title	
		<b>Title Page</b>	
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Design Created Date: Monday, April 02, 2012		Sheet Created Date Monday, April 02, 2012	Sheet Modified Date Thursday, July 16, 2015
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### Antenna & Radio Interface

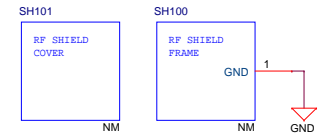


868 MHz: 14 dBm matching network  
 915 MHz: 20 dBm matching network

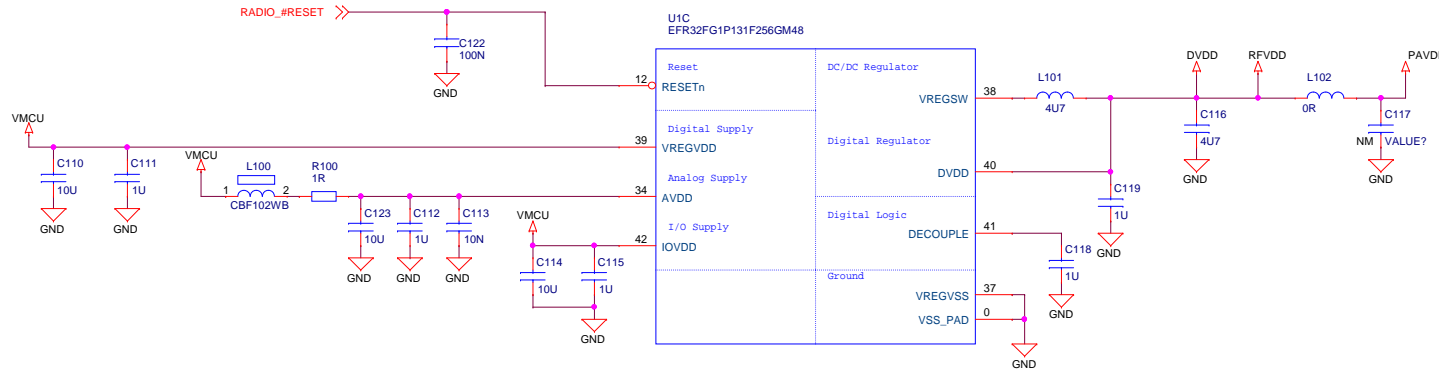
### High Frequency Crystal



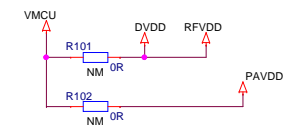
### RF Shielding



### Power & Decoupling



### DC/DC Configuration

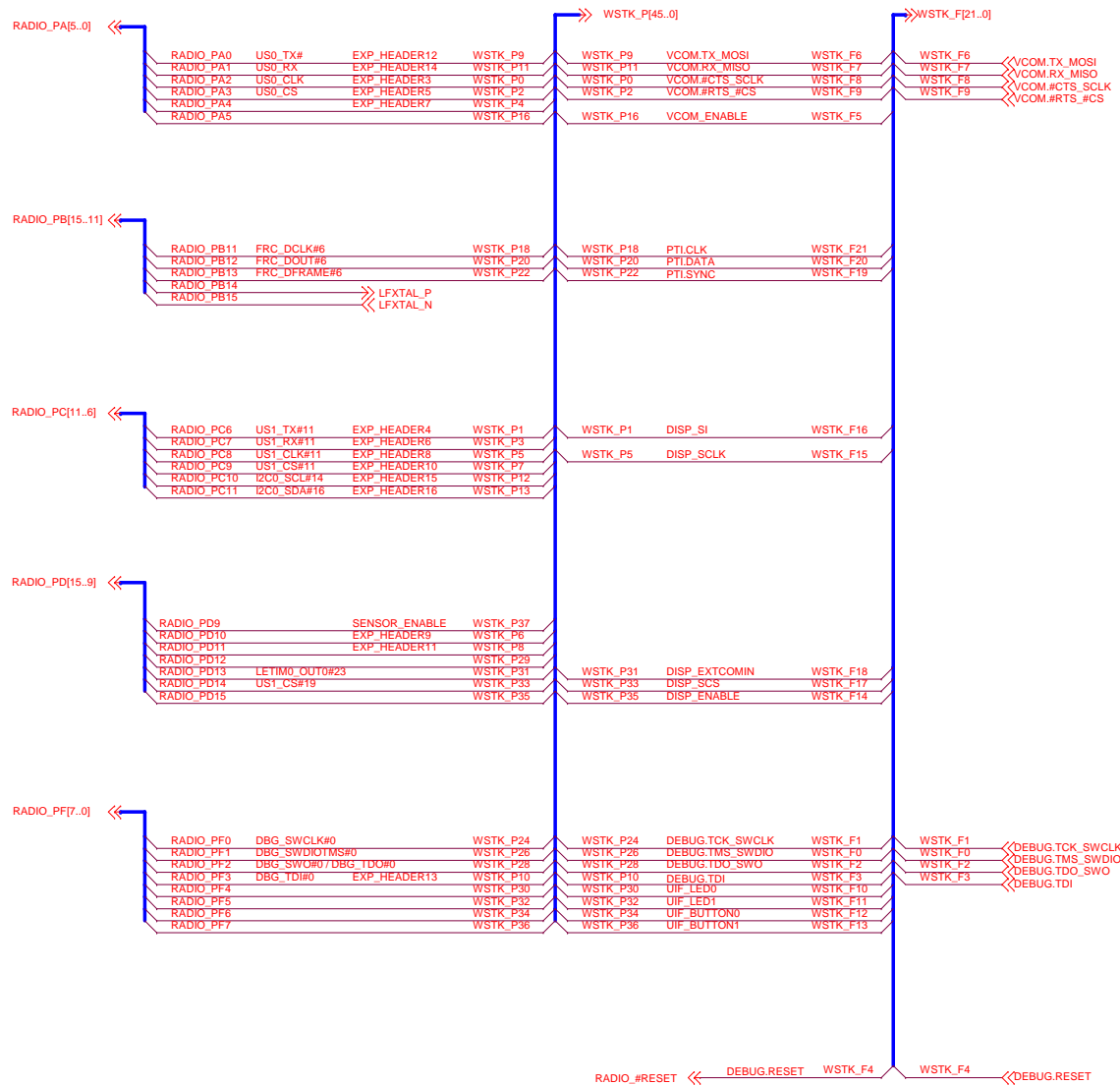


	Power Config 1 NO DCDC	Power Config 2a DCDC to PAVDD	Power Config 2b VMCU to PAVDD
L101	Not mount	Mount	Mount
L102	Not mount	Mount	Not mount
R101	Mount	Not mount	Not mount
R102	Mount	Not mount	Mount

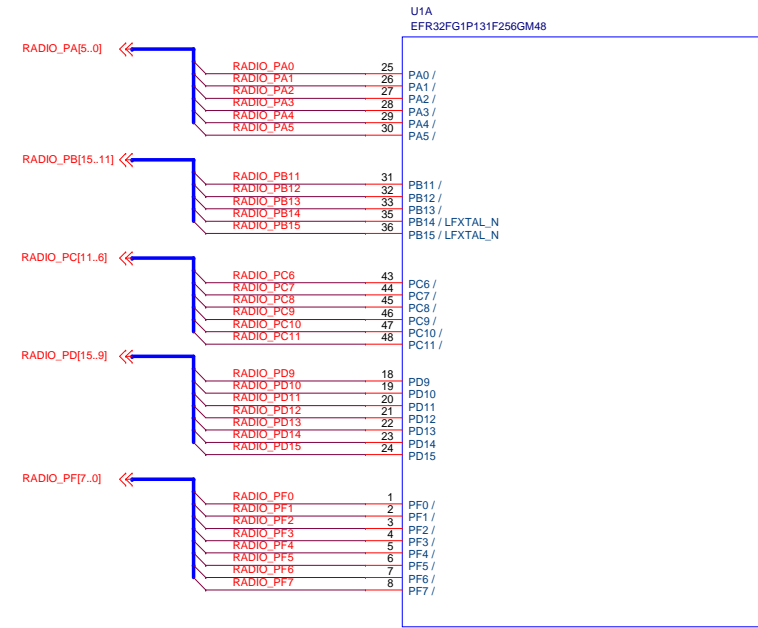
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Page Title		<b>RF, Antenna &amp; Power</b>	
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Design: JSH	Approved: JNO	Revision	<b>A00</b>
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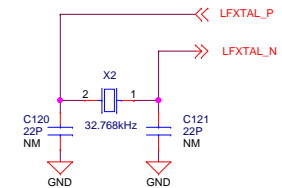
# EFR32 Pin Mapping



# EFR32 I/O Port Pins



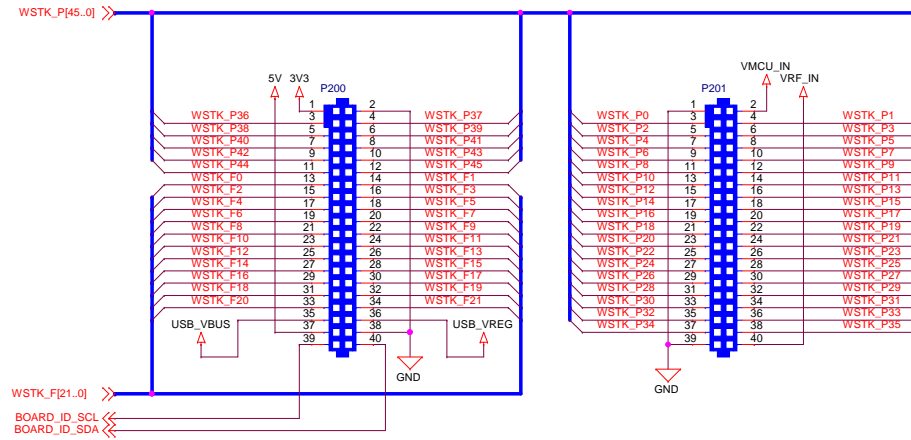
# Low Frequency Crystal



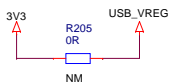
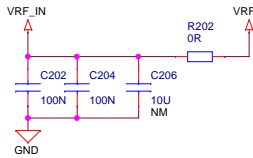
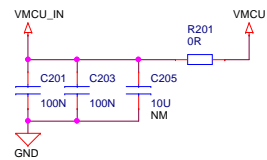
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		<b>BRD4250B</b>	
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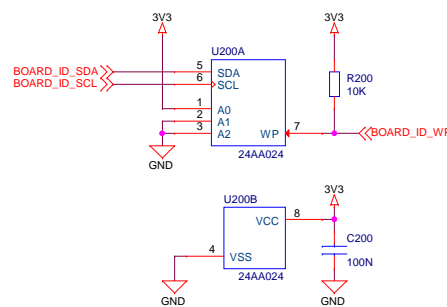
# WSTK Connectors



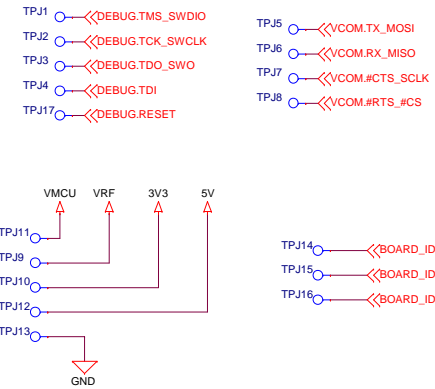
## WSTK Power Decoupling



## Board Identification



## Test Points



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		<b>EFR32FG 868 MHz Radio Board</b>	
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