




**EFR32 Mighty Gecko Radio Board**  
2.4 GHz / 915 MHz 19 dBm, VMCU to PAVDD

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RF, Antenna & Power	2
EFR32 Signal Assignments	3
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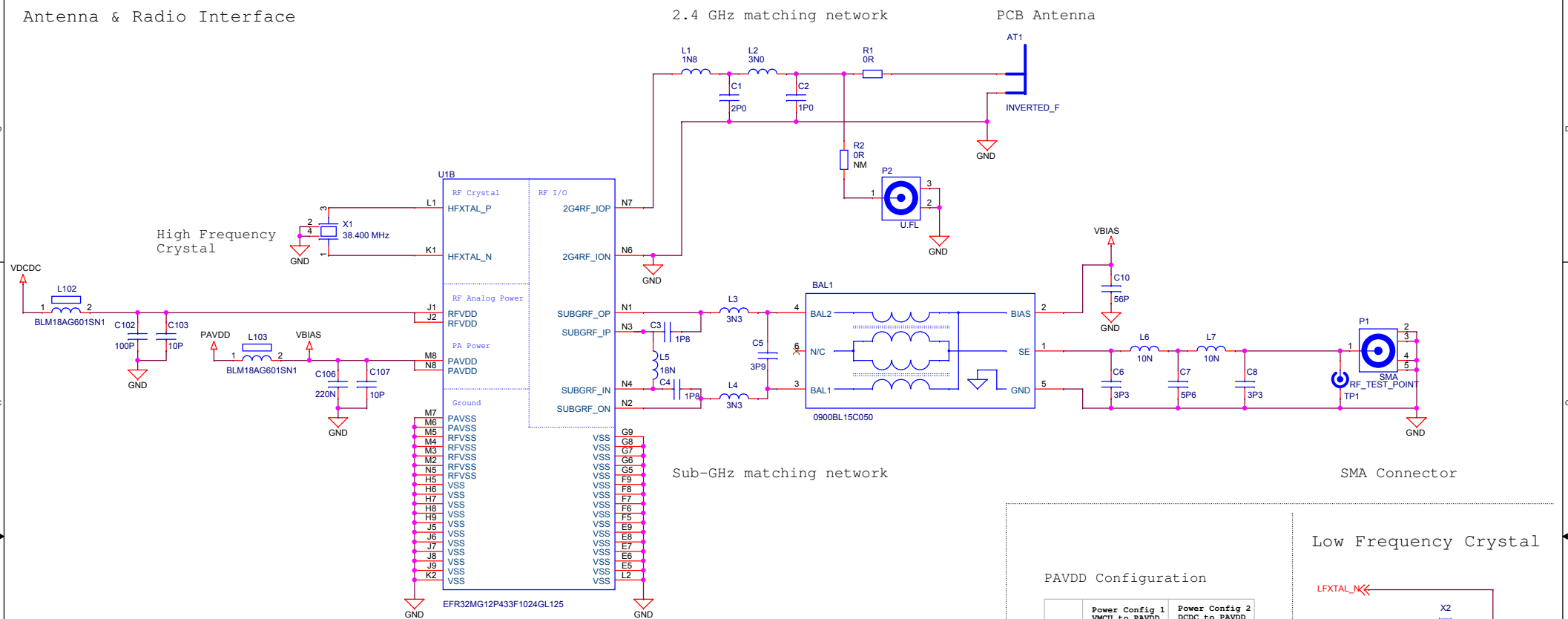
Revision History	
Rev.	Description
A00	Initial version.
A01	Fixing EFR part number.
A02	Updated EFR32 chip revision and 32 kHz crystal part number.
A03	Updated EFR32 to Rev. C. Fixed 32 kHz crystal P/N. Updated PCB rev.



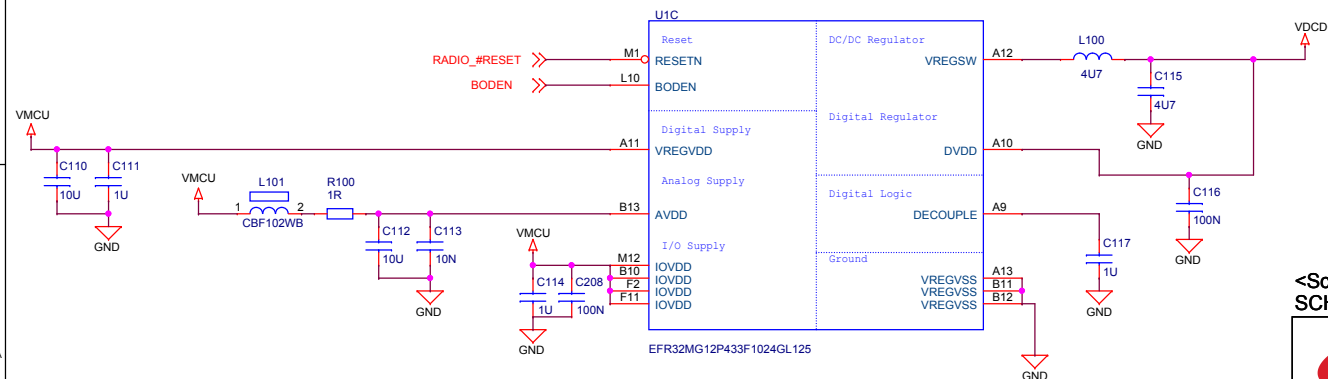
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Approved: <OrgAddr2>		<b>Title Page</b>	
Size A3	BOM Doc No: <Cage Code>	Document number <b>BRD4164A</b>	Revision A03
Design Created Date: Monday, April 02, 2012		Sheet Created Date Monday, April 02, 2012	Sheet Modified Date Friday, October 13, 2017
		Sheet 1 of 4	

## Antenna & Radio Interface

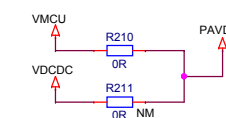


## Power & Decoupling

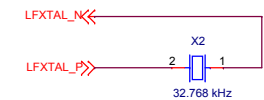


PAVDD Configuration

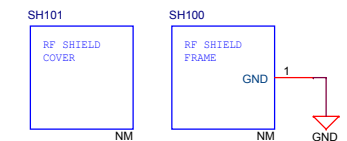
	Power Config 1 VMCU to PAVDD	Power Config DCDC to PAVDD
R210	Mount	Not mount
R211	Not mount	Mount



## Low Frequency Crystal



## RF Shielding



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	<b>RF, Antenna &amp; Power</b>
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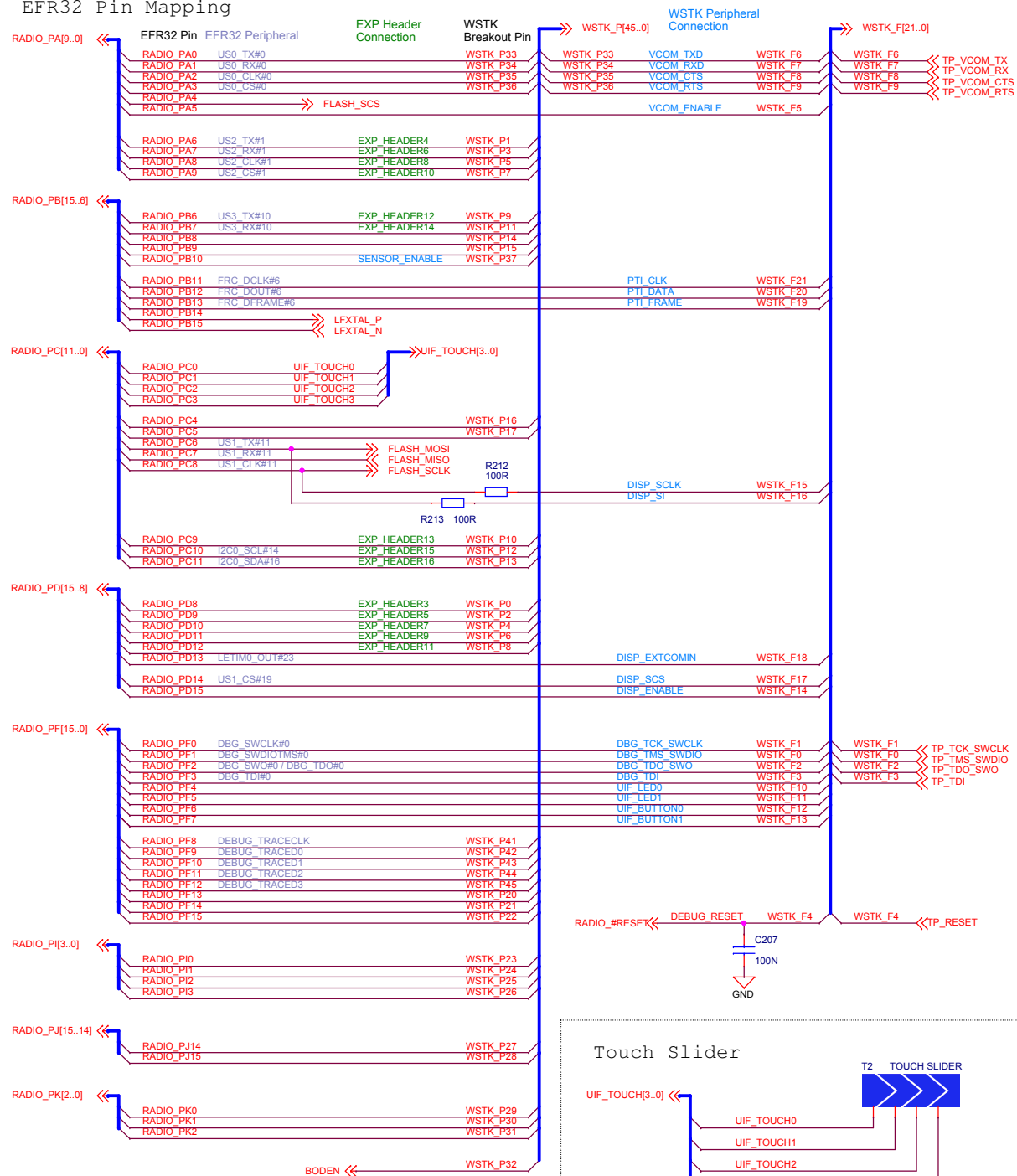
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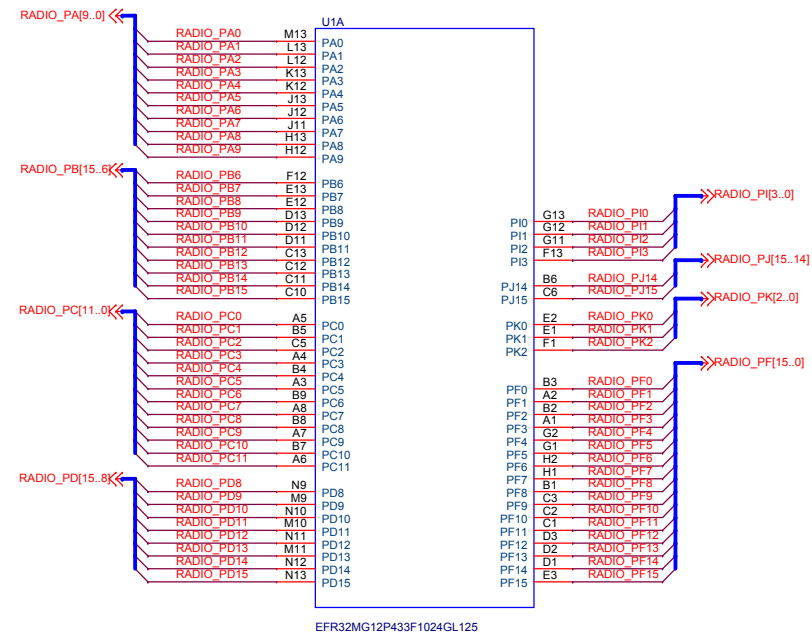
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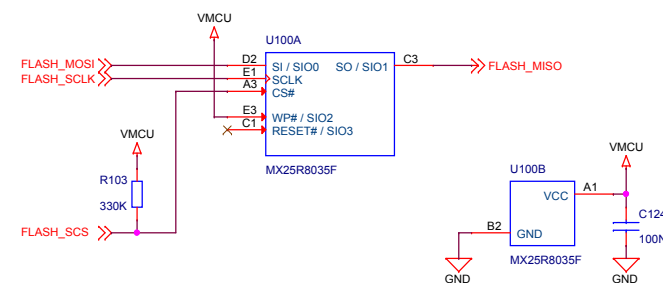
## EFR32 Pin Mapping



## EFR32 I/O Port Pins



## Serial Flash



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## EFR32MG12 Dual Band 2400/915 MHz Radio Board

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## EFR32 I/O Port Connections

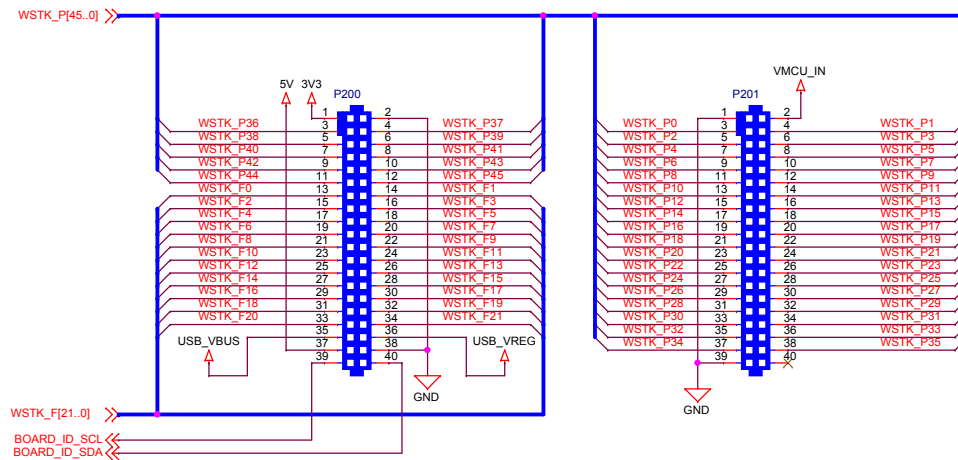
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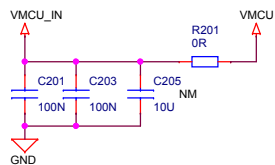
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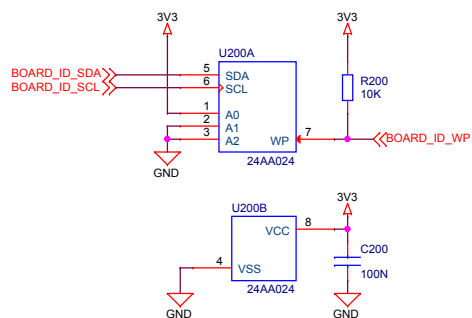
## WSTK Connectors



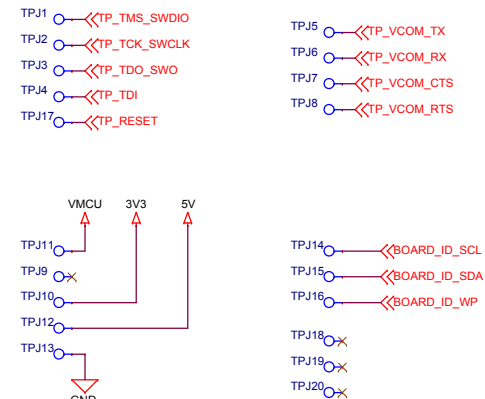
## WSTK Power Decoupling




## Board Identification



## Test Points



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