



## EFR32 Mighty Gecko Radio Board

2.4 GHz 19 dBm, VMCU to PAVDD

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RF, Antenna & Power	2
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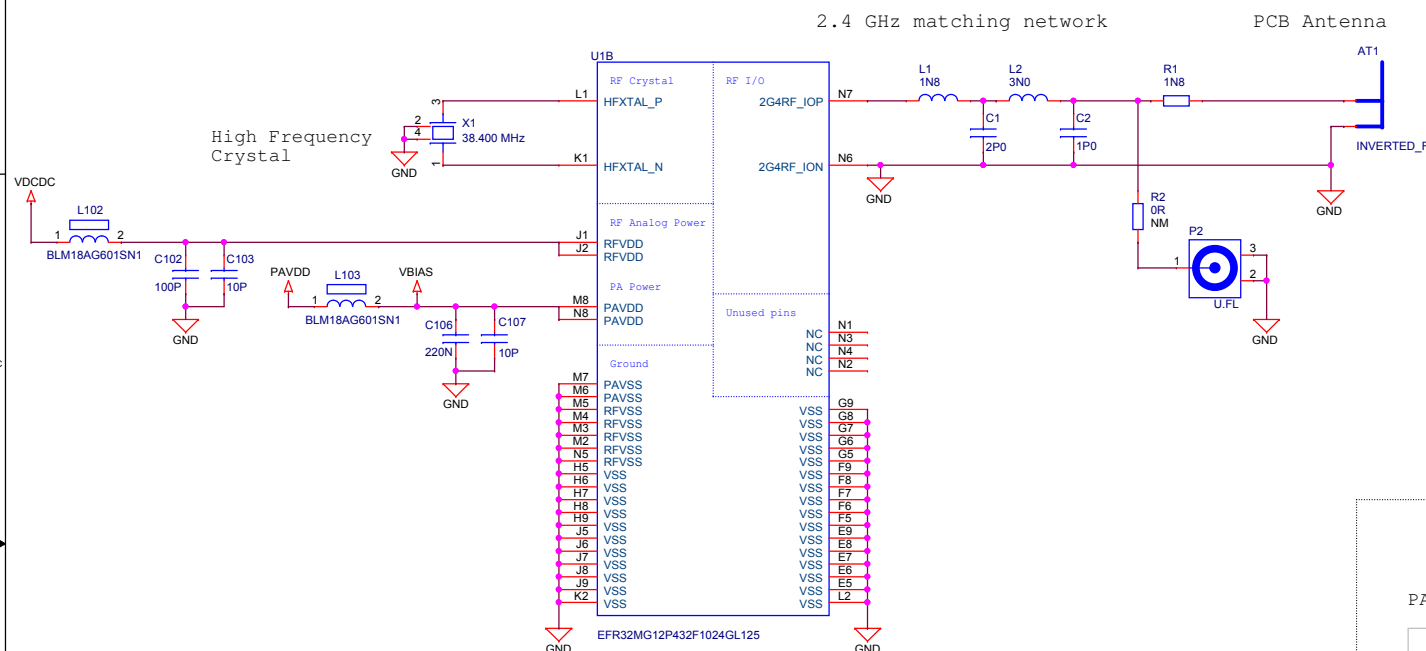
Revision History	
Rev.	Description
A00	Initial version.
A01	Updated EFR32 chip revision and 32 kHz crystal part number.
A02	Fixing EFR32 pin names; Adding antenna tuning.



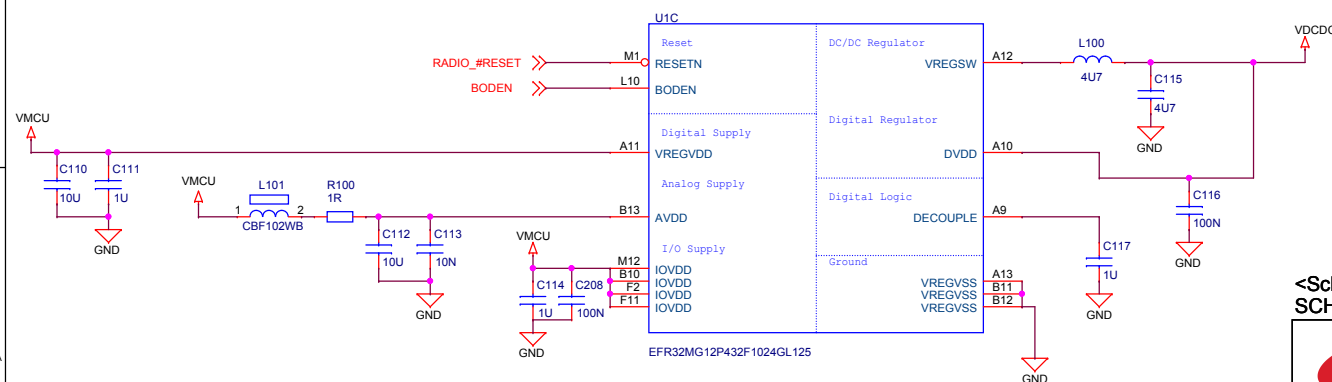
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Approved: <OrgAddr2>		Title Page	
Size A3	BOM Doc No: <Cage Code>	Document number BRD4161A	Revision A02
Design Created Date: Monday, April 02, 2012		Sheet Created Date Monday, April 02, 2012	Sheet Modified Date Monday, January 30, 2017
		Sheet 1 of 4	

## Antenna & Radio Interface

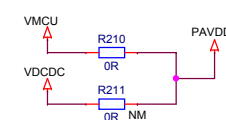


## Power & Decoupling

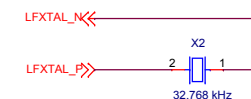


### PAVDD Configuration

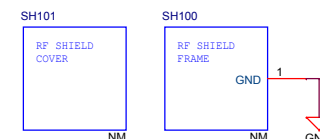
	Power Config 1 VMCU to PAVDD	Power Config 2 DCDC to PAVDD
R210	Mount	Not mount
R211	Not mount	Mount



### Low Frequency Crystal



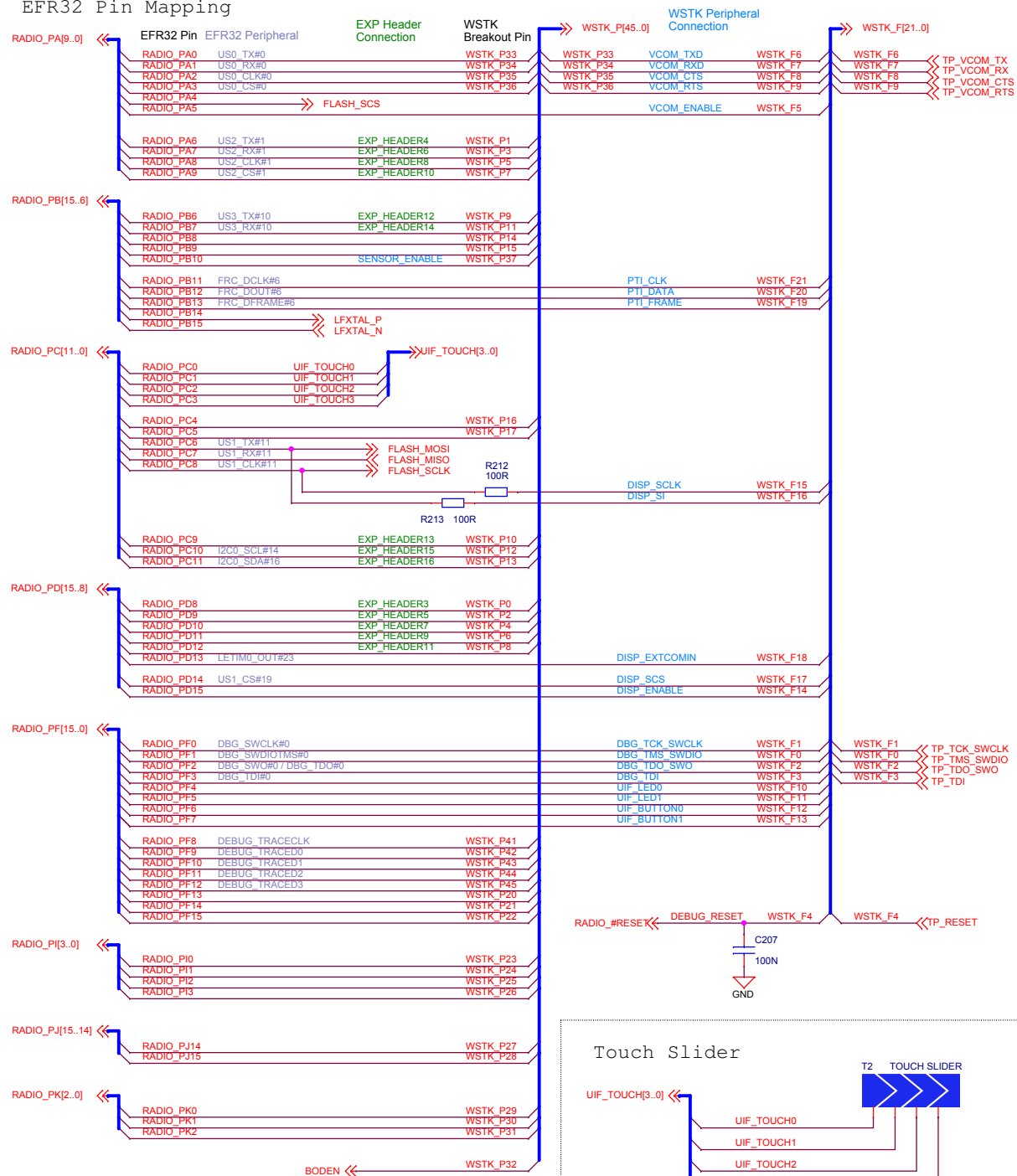
### RF Shielding



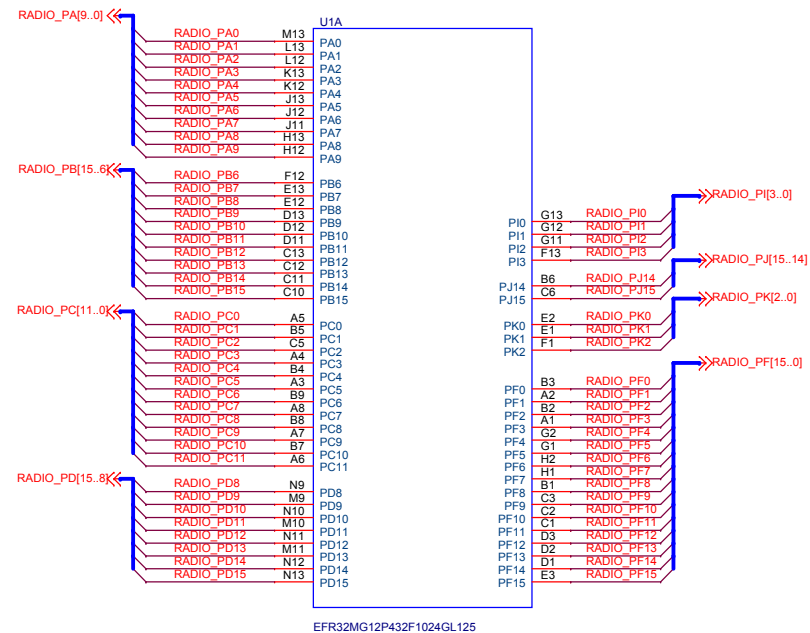
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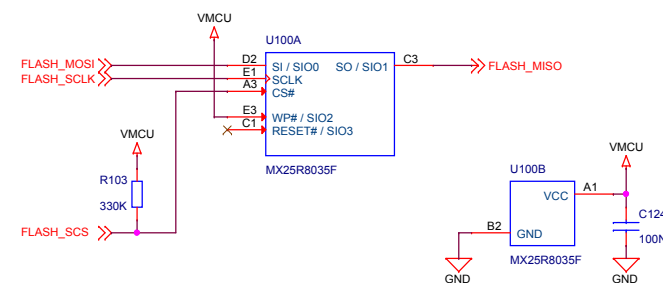
## EFR32 Pin Mapping



## EFR32 I/O Port Pins



## Serial Flash



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## EFR32MG12 2.4 GHz Radio Board

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## EFR32 I/O Port Connections

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**BRD4161A**

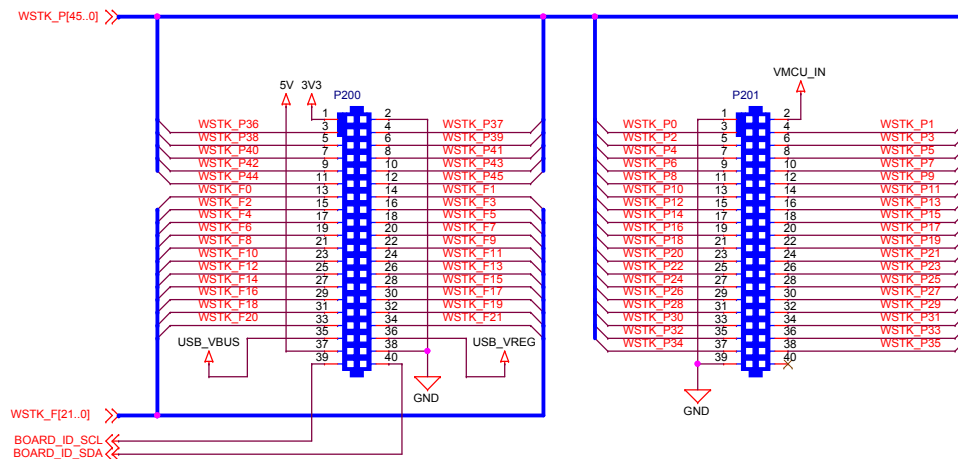
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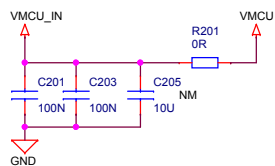
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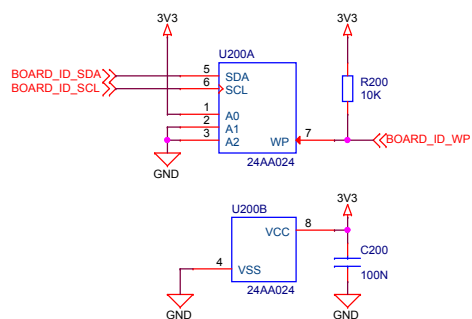
## WSTK Connectors



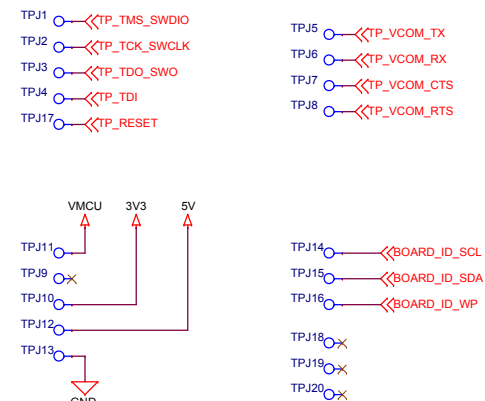
## WSTK Power Decoupling



## Board Identification



## Test Points



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