



EFR32 Mighty Gecko Radio Board

2.4 GHz 19 dBm, VMCU to PAVDD

Board Function	Page
Title Page	1
RF, Antenna & Power	2
EFR32 Signal Assignments	3
WSTK Connectors & Board ID	4

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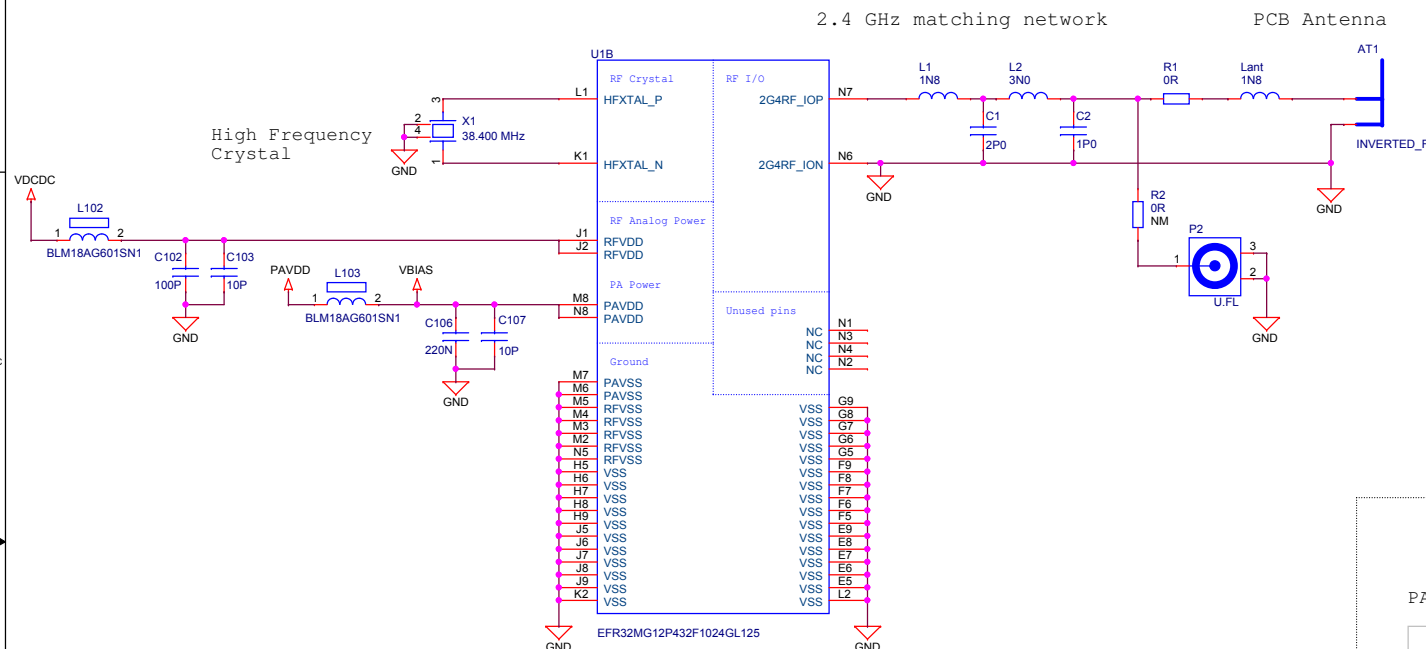


Revision History	
Rev.	Description
A00	Initial version.
A01	Updated EFR32 chip revision and 32 kHz crystal part number.
A02	Fixing EFR32 pin names; Adding antenna tuning.
A03	Updated EFR32 & PCB rev. Fixed 32 kHz crystal P/N. Added Lant.

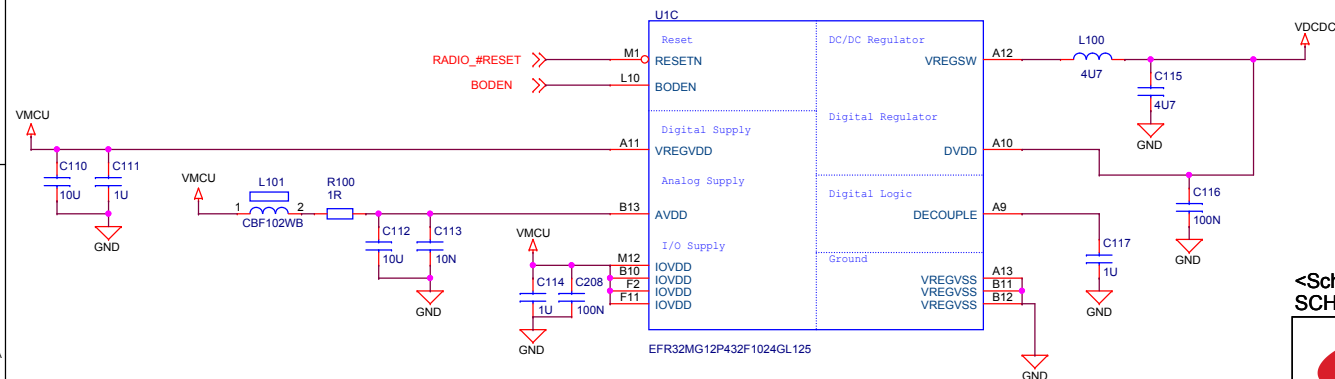
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BOM Doc No: <Cage Code>	Document number	Revision	
Design Created Date: Monday, April 02, 2012	BRD4161A	A03	
Sheet Created Date Monday, April 02, 2012	Sheet Modified Date Friday, October 20, 2017	Sheet 1 of 4	

Antenna & Radio Interface

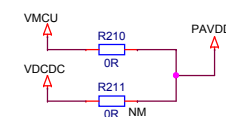


Power & Decoupling

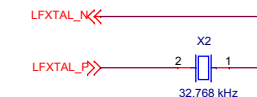


PAVDD Configuration

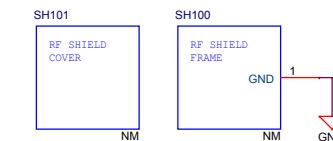
	Power Config 1 VMCU to PAVDD	Power Config 2 DCDC to PAVDD
R210	Mount	Not mount
R211	Not mount	Mount



Low Frequency Crystal



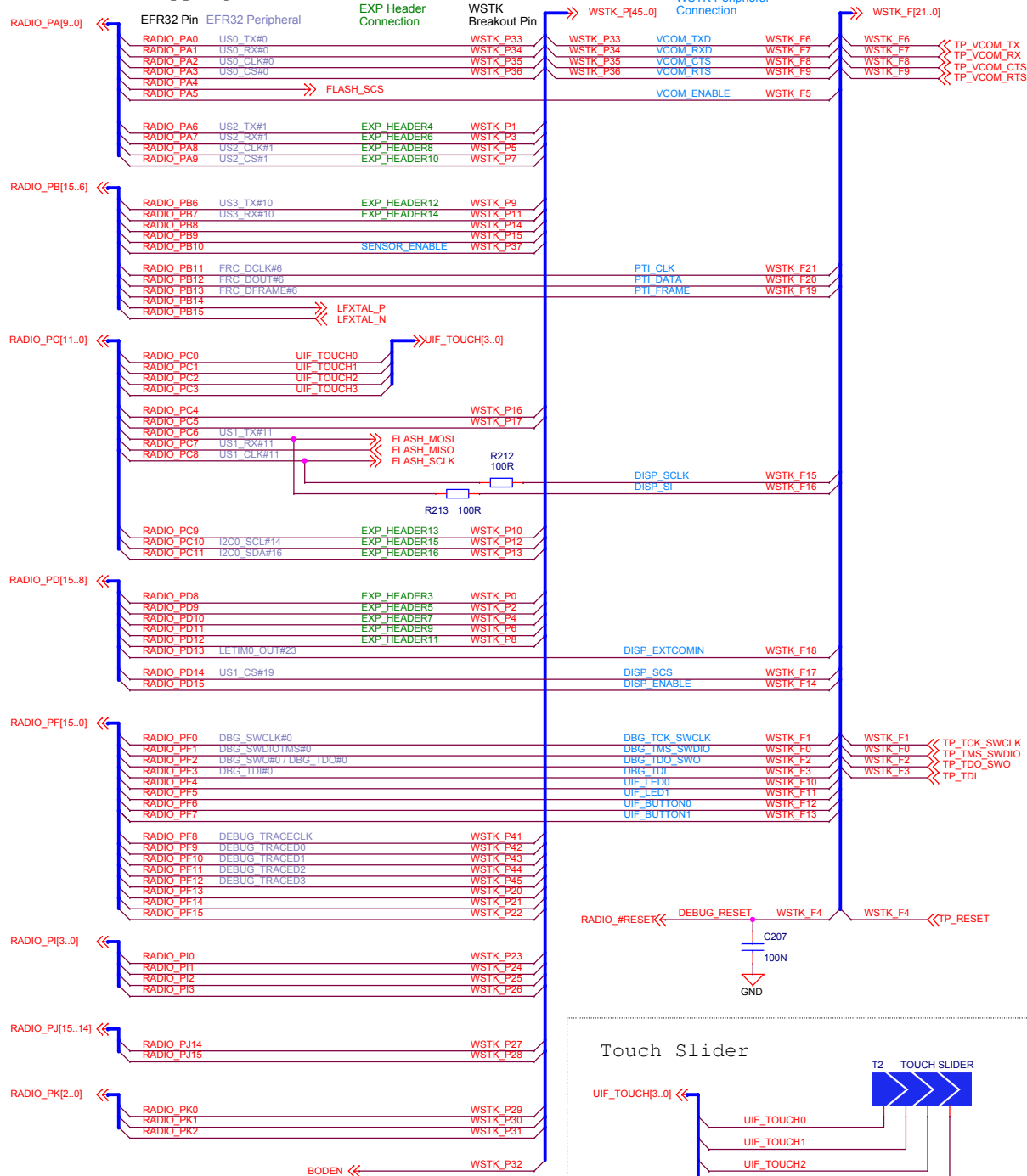
RF Shielding



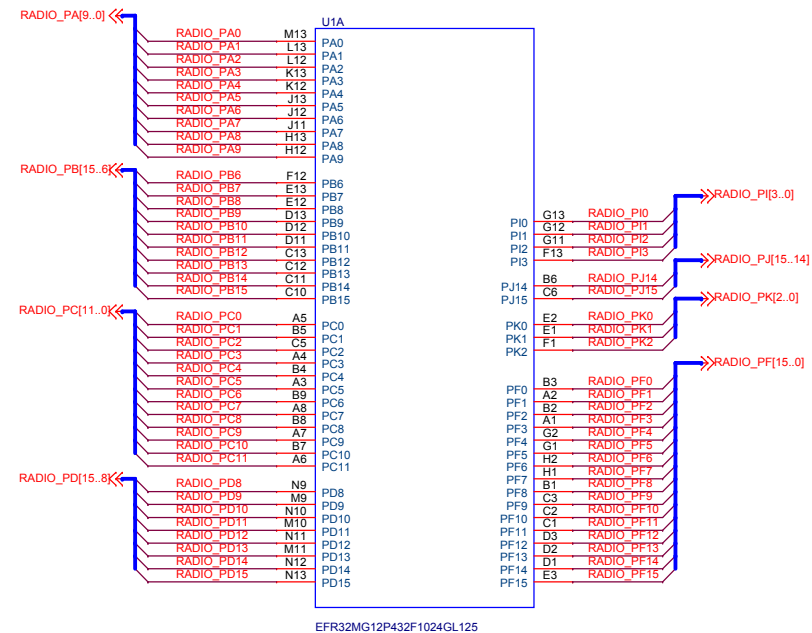
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BOM Doc No: <Cage Code>		Document number	
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Sheet Created Date Monday, April 02, 2012		A03	
Sheet Modified Date Friday, October 20, 2017		Sheet 2 of 4	

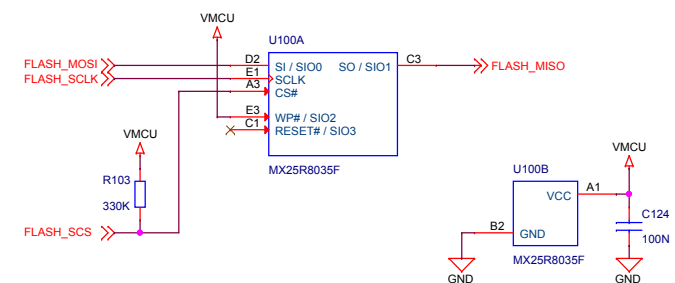
EFR32 Pin Mapping



EFR32 I/O Port Pins



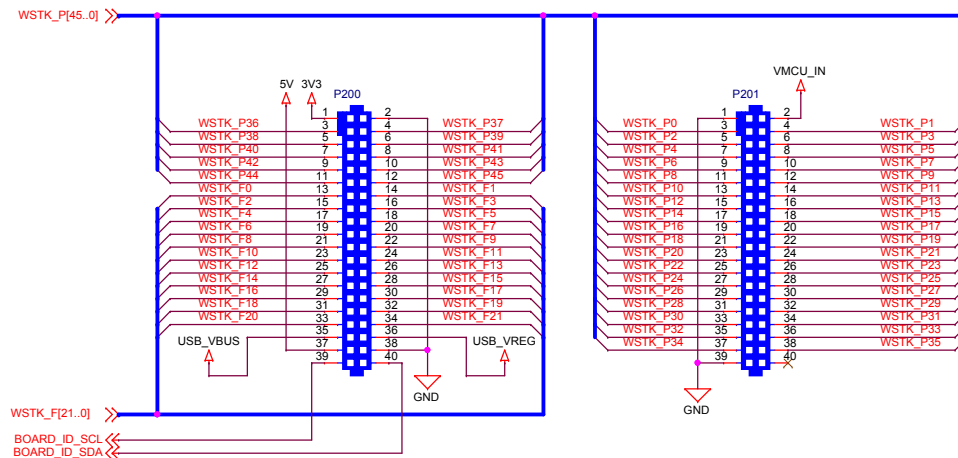
Serial Flash



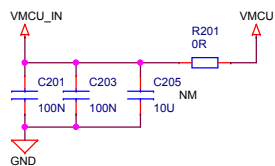
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BRD4161A		Revision	
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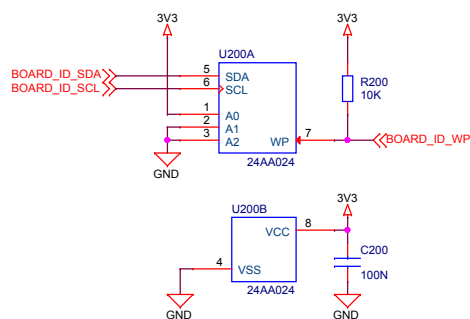
WSTK Connectors



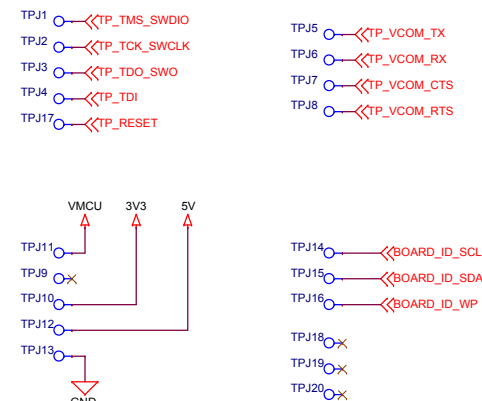
WSTK Power Decoupling



Board Identification



Test Points



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Design Created Date: Monday, April 02, 2012		Sheet Created Date: Tuesday, April 03, 2012	Sheet Modified Date: Friday, October 20, 2017
		Sheet 4	of 4