



## MGM12P Mighty Gecko Module, 19 dBm

Wireless Starter Kit Radio Board

Board Function	Page
Title Page	1
Module	2
WSTK Connectors & Board ID	3

## Revision History

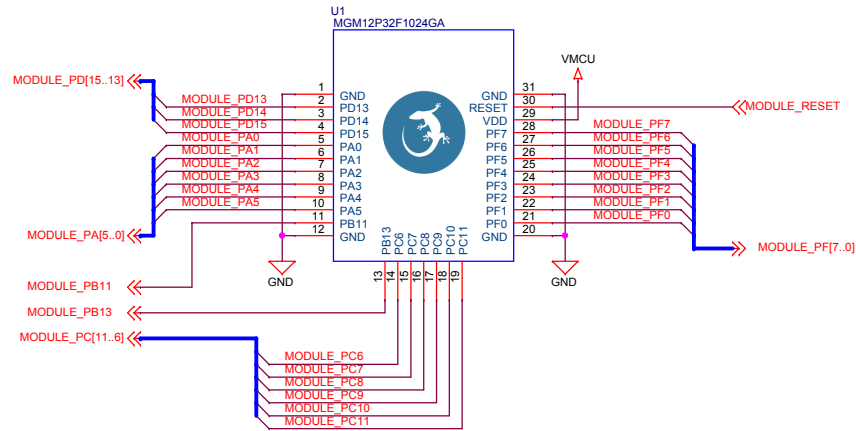
Rev.	Description
A00	Initial release.

<Schematic Path>  
SCHEMATIC1

The Silicon Labs logo features a stylized red 'S' with a registered trademark symbol, positioned above the text 'SILICON LABS' in a bold, black, sans-serif font.		Schematic Title	
		<b>MGM12P Module Carrier Board</b>	
Designed: DDB		Page Title	
Approved: JNO		<b>Title Page</b>	
Size A3	BOM Doc No: <Cage Code>	Document number <b>BRD4304A</b>	Revision A00
Design Created Date: Monday, April 02, 2012		Sheet Created Date Monday, April 02, 2012	Sheet Modified Date Wednesday, January 11, 2017
		Sheet 1 of 3	

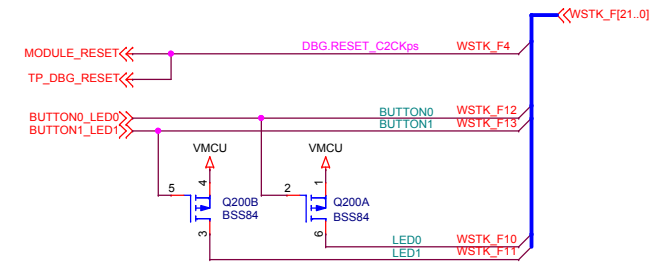


## Module Footprint



## Additional Connections

Reset input from mainboard

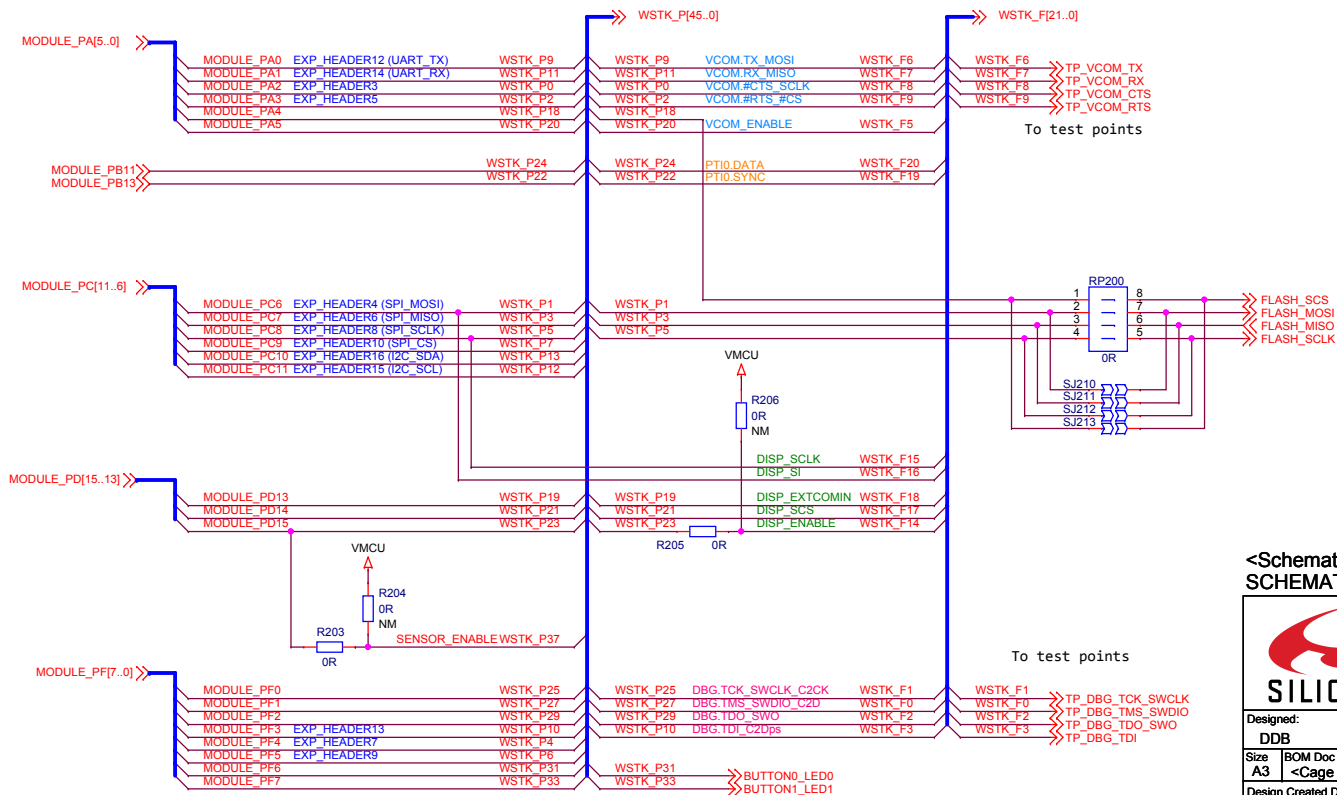


Buttons and leds connected to the same I/O pins:  
Output: 0 = LED ON, 1 = LED OFF  
Input: 0 = BUTTON PRESSED, 1 = BUTTON RELEASED

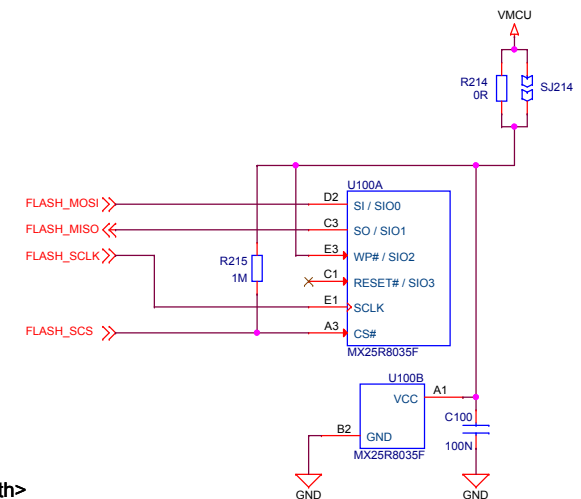
## Pin Assignments

## Breakout connections

## Functional Connections



## Serial Flash



<Schematic Path>  
SCHEMATIC1



Designed: DDB	Approved: JNO
------------------	------------------

Size A3	BOM Doc No: <Cage Code>
------------	----------------------------

Design Created Date:  
Monday, April 02, 2012

Approved:	JNO
-----------	-----

```

code>

```

012

Schematic Title
-----------------

## MGM12P Module Carrier Board

Page Title

	<b>Module</b>
--	---------------

Document number	
-----------------	--

BRD4304A

Sheet Created Date  
Monday, April 02, 2012

Monday, April 02, 2012

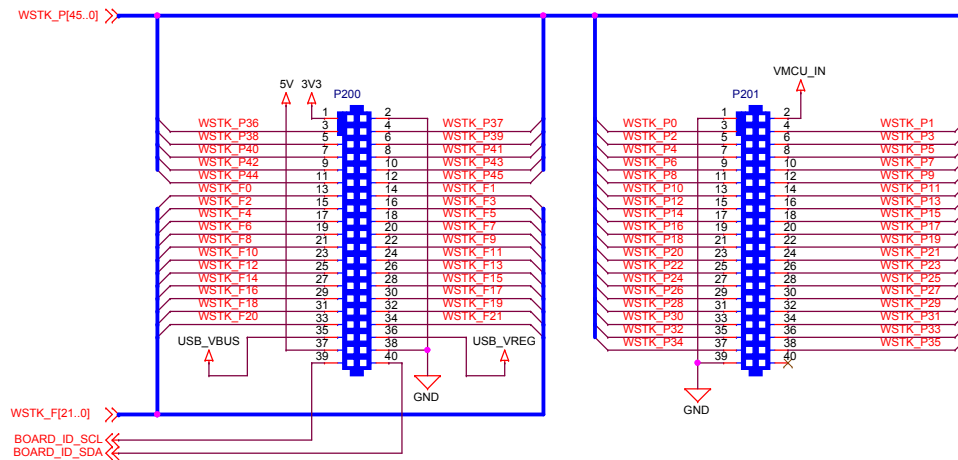
	Revision
--	----------

A00

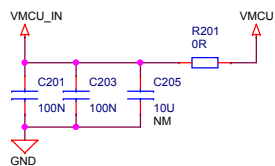
Sheet Modified Date Wednesday, January 14, 2015	Sheet 2 of 3
--	-----------------

Wednesday, January 11, 2017 2 of 3

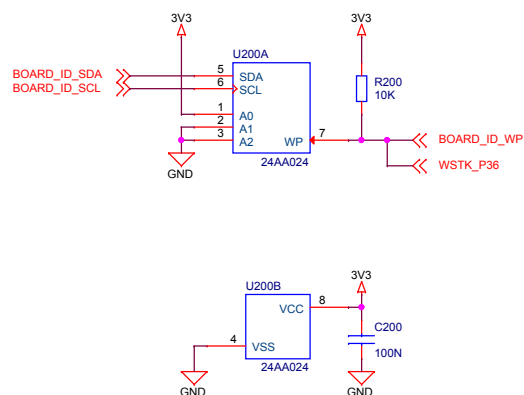
## WSTK Connectors



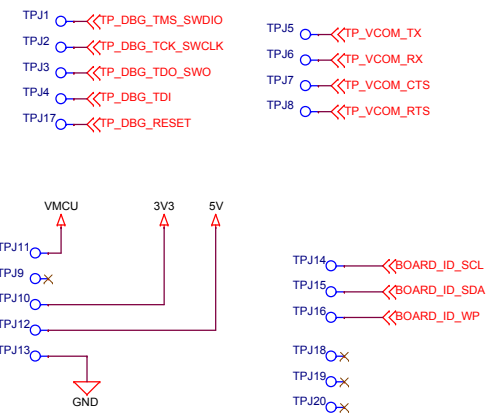
## WSTK Power Decoupling




## Board Identification



## Test Points



<Schematic Path>  
SCHEMATIC1

		Schematic Title	
		<b>MGM12P Module Carrier Board</b>	
Designed: DDB		Page Title	
Approved: JNO		<b>WSTK Connectors &amp; Board ID</b>	
Size: A3	BOM Doc No: <Cage Code>	Document number	Revision
		<b>BRD4304A</b>	<b>A00</b>
Design Created Date: Monday, April 02, 2012		Sheet Created Date: Tuesday, April 03, 2012	Sheet Modified Date: Wednesday, January 11, 2017
		Sheet 3 of 3	