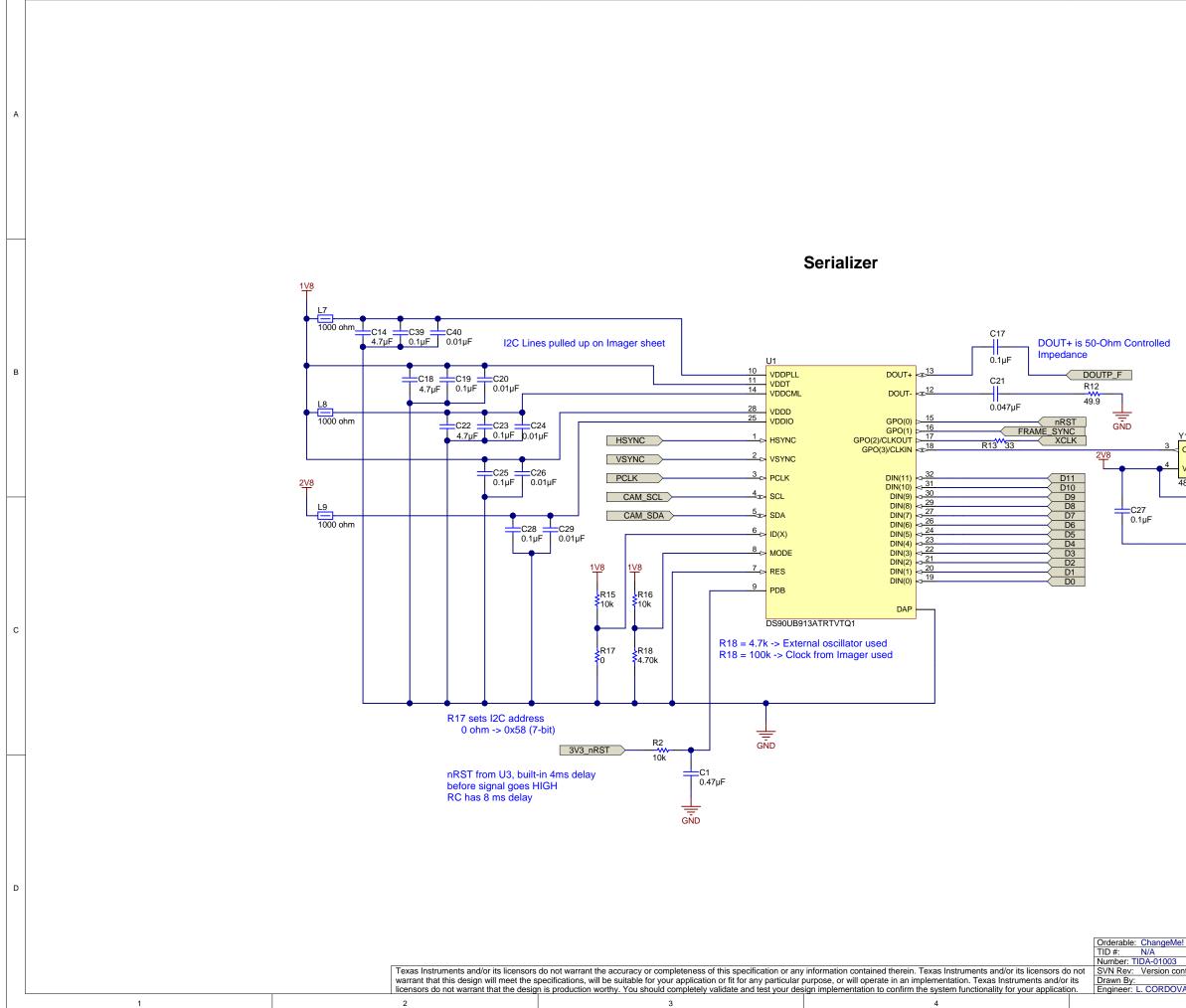


5				6	
Revision History					
Rev	ECN #	Approved Date	Approved by	Notes	
N/A	N/A	N/A	N/A	N/A	

e!	Designed for: Not Public Release Mod. Date: 2/27/2017			_	
	Project Title: TIDA-01003-	EVM			TEXAS
Rev: E4	Sheet Title:			TEXAS INSTRUMENTS	
ntrol disabled	rol disabled Assembly Variant: 001		Sheet: 1 of 5		institutients
	File: TIDA-01003_CoverSheet.SchDoc			Size: B	http://www.ti.com
/A	Contact: http://www.ti.com/support			© Texas Instruments 2017	
5				6	

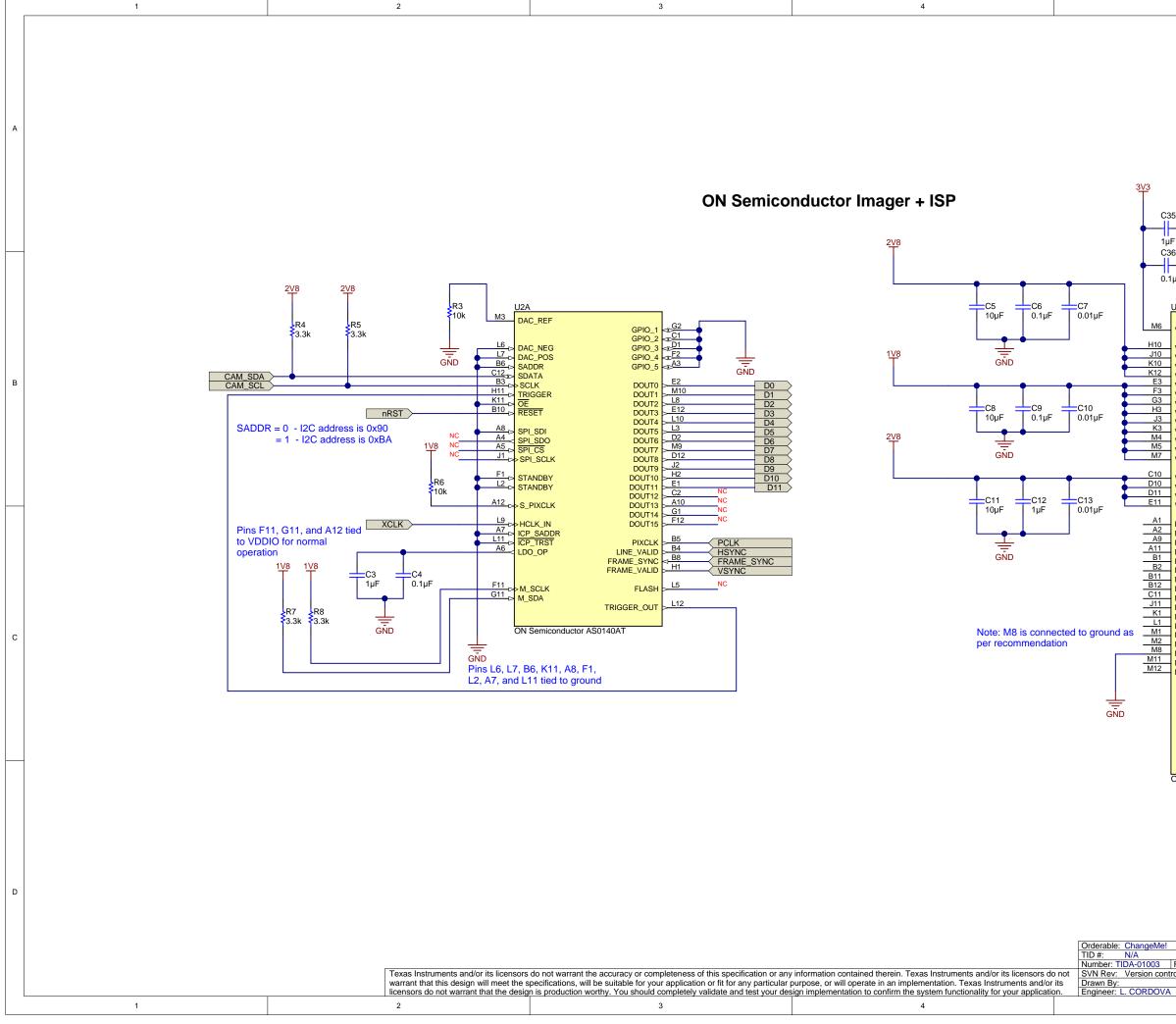
1	2	3	4	5	6	
						A
		Power over Coax F	Filter & Power Supply			
	9V in from Coav	At 1,1,4,F C2	GND 3V3 GND 3V3 R10 1.00k 5 C32	Orderable: ChangeMel Designed for: Not Public TID #: N/A Rev: F4 Sheet Title:	Image: Wod. Date: 1/11/2018	В С С
1	licensors do not warrant that the design i	is production worthy. You should completely validate and test your des 3	ign implementation to confirm the system functionality for your application. 4	Engineer: L. CORDOVA Contact: http://www.ti.o	Supply and PoC Filter.SchDoc Size: B http://www.ti.com com/support © Texas Instruments 2013 6	

D



Ŀ		
Y1 3 OUT GND 2 4 VDD STANDBY ↓ 1 48MHz		
GND		

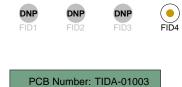
e!	Designed for: Not Public Release	Mod. Date: 3/30/2017	_	
	Project Title: TIDA-01003-EVM		TEXAS	
Rev: E4	Sheet Title:		INSTRUMENTS	
ontrol disabled	Assembly Variant: 001	Sheet: 3 of 5	In the first of the first of the	
	File: Wide Vin Serializer.SchDoc	Size: B	http://www.ti.com	
VA	Contact: http://www.ti.com/support		© Texas Instruments 2017	
5		6		



╢			А	
23	μF 336	-		
	0.1µF — GND			
	U2B VDDA_DAC AGND AGND VAA_2V8 AGND VAA_2V8 AGND VAA_2V8 AGND VAA_2V8 AGND VDD_1V8 DGND VDD_2V8 DGND VDDIO_2V8 DGND VDDIO_2V8 DGND VDDIO_2V8 DGND		В	
	VDDIO_2V8 DGND F4 DGND F4 NC DGND F5 NC DGND F7 NC DGND F7 NC DGND F8 NC DGND G4 NC DGND G5 NC DGND G6 NC DGND G7 L L L L L L L L L L L L L L L L L L		с	
	ON Semiconductor AS0140AT	GND		
			D	

1	Designed for: Not Public R	elease	Mod. Da	ate: 1/17	7/2018	
	Project Title: TIDA-01003-	EVM				J IA TEXAS
Rev: E4	Sheet Title:					TEXAS INSTRUMENTS
ntrol disabled	Assembly Variant: 001			Sheet: 4		in to finde intel the
	File: Wide Vin ON Semi Im	ager + Proces	ssor.Sch	nDog Siz	e: B	http://www.ti.com
Ά	Contact: http://www.ti.com	/support				© Texas Instruments 2017
5					6	

	1	2	3	4	5	6
A						



PCB Rev: E4



Variant/Label Table Label Text Variant 001 TIDA-01003-EVM ZZ1 Label Assembly Note This Assembly Note is for PCB labels only

LBL1

PCB Label Size: 0.65" x 0.20 "

в

С

D

ZZ2 Assembly Note These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3 Assembly Note These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

1

ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

Orderable: ChangeMe
TID #: N/A
Number: TIDA-01003
SVN Rev: Version co
Drawn By:
Engineer: L. CORDOV

			INU
Texas Instruments and/or its licensors	do not warrant the accuracy or completeness of this specification or any	information contained therein. Texas Instruments and/or its licensors do	not SV
warrant that this design will meet the s	pecifications, will be suitable for your application or fit for any particular	purpose, or will operate in an implementation. Texas Instruments and/or	
licensors do not warrant that the desig	n is production worthy. You should completely validate and test your des	sign implementation to confirm the system functionality for your applicatio	n. Eng
3	2	4	
2	3	4	

 Mel
 Designed for: Not Public Release
 Mod. Date: 2/28/2018

 Project Title: TIDA-01003-EVM
 3
 Rev: E4
 Sheet Title:

 3
 Rev: E4
 Sheet Title: 001
 Sheet: 5 of 5

 File: TIDA-01003_EVM_Hardware.SchDoc
 Size: B

 OVA
 Contact: http://www.ti.com/support
 TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments 2017 5 6

С

D

IMPORTANT NOTICE FOR TI DESIGN INFORMATION AND RESOURCES

Texas Instruments Incorporated ('TI") technical, application or other design advice, services or information, including, but not limited to, reference designs and materials relating to evaluation modules, (collectively, "TI Resources") are intended to assist designers who are developing applications that incorporate TI products; by downloading, accessing or using any particular TI Resource in any way, you (individually or, if you are acting on behalf of a company, your company) agree to use it solely for this purpose and subject to the terms of this Notice.

TI's provision of TI Resources does not expand or otherwise alter TI's applicable published warranties or warranty disclaimers for TI products, and no additional obligations or liabilities arise from TI providing such TI Resources. TI reserves the right to make corrections, enhancements, improvements and other changes to its TI Resources.

You understand and agree that you remain responsible for using your independent analysis, evaluation and judgment in designing your applications and that you have full and exclusive responsibility to assure the safety of your applications and compliance of your applications (and of all TI products used in or for your applications) with all applicable regulations, laws and other applicable requirements. You represent that, with respect to your applications, you have all the necessary expertise to create and implement safeguards that (1) anticipate dangerous consequences of failures, (2) monitor failures and their consequences, and (3) lessen the likelihood of failures that might cause harm and take appropriate actions. You agree that prior to using or distributing any applications. TI has not conducted any testing other than that specifically described in the published documentation for a particular TI Resource.

You are authorized to use, copy and modify any individual TI Resource only in connection with the development of applications that include the TI product(s) identified in such TI Resource. NO OTHER LICENSE, EXPRESS OR IMPLIED, BY ESTOPPEL OR OTHERWISE TO ANY OTHER TI INTELLECTUAL PROPERTY RIGHT, AND NO LICENSE TO ANY TECHNOLOGY OR INTELLECTUAL PROPERTY RIGHT OF TI OR ANY THIRD PARTY IS GRANTED HEREIN, including but not limited to any patent right, copyright, mask work right, or other intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information regarding or referencing third-party products or services does not constitute a license to use such products or services, or a warranty or endorsement thereof. Use of TI Resources may require a license from a third party under the patents or other intellectual property of the third party, or a license from TI under the patents or other intellectual property of TI.

TI RESOURCES ARE PROVIDED "AS IS" AND WITH ALL FAULTS. TI DISCLAIMS ALL OTHER WARRANTIES OR REPRESENTATIONS, EXPRESS OR IMPLIED, REGARDING TI RESOURCES OR USE THEREOF, INCLUDING BUT NOT LIMITED TO ACCURACY OR COMPLETENESS, TITLE, ANY EPIDEMIC FAILURE WARRANTY AND ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NON-INFRINGEMENT OF ANY THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

TI SHALL NOT BE LIABLE FOR AND SHALL NOT DEFEND OR INDEMNIFY YOU AGAINST ANY CLAIM, INCLUDING BUT NOT LIMITED TO ANY INFRINGEMENT CLAIM THAT RELATES TO OR IS BASED ON ANY COMBINATION OF PRODUCTS EVEN IF DESCRIBED IN TI RESOURCES OR OTHERWISE. IN NO EVENT SHALL TI BE LIABLE FOR ANY ACTUAL, DIRECT, SPECIAL, COLLATERAL, INDIRECT, PUNITIVE, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES IN CONNECTION WITH OR ARISING OUT OF TI RESOURCES OR USE THEREOF, AND REGARDLESS OF WHETHER TI HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You agree to fully indemnify TI and its representatives against any damages, costs, losses, and/or liabilities arising out of your noncompliance with the terms and provisions of this Notice.

This Notice applies to TI Resources. Additional terms apply to the use and purchase of certain types of materials, TI products and services. These include; without limitation, TI's standard terms for semiconductor products http://www.ti.com/sc/docs/stdterms.htm), evaluation modules, and samples (http://www.ti.com/sc/docs/stdterms.htm), evaluation

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2018, Texas Instruments Incorporated