

3.3 Volt Memory Card for TMS320VC5505 (EVM)

Quick Start Installation Guide

Items Required for Setup



VC5505 EVM
(purchased
separately)



Power supply
(received
with EVM)

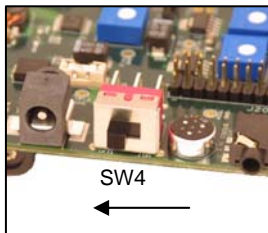


+3.3 Volt
Memory Card

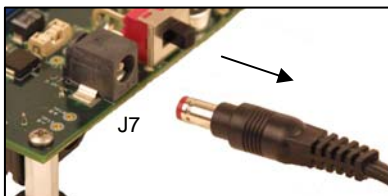
+3.3 V Memory Card Installation Instructions

To install the +3.3 volt memory card on the VC5505 EVM follow the steps below:

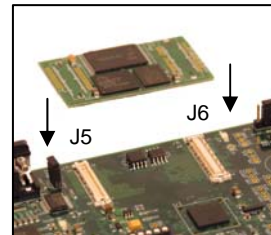
1. Turn off power on the VC5505 EVM by sliding switch SW4 to the off position (slide to left).



2. Remove the power from the VC5505 EVM by unplugging the power plug from connector J7 (next to SW4).



3. Align the 3.3 volt memory card over connectors J5, J6 on the VC5505 EVM. The white connectors should be on the bottom side of the memory card. The large chip on the memory card should be next to the edge of the VC5505 EVM.

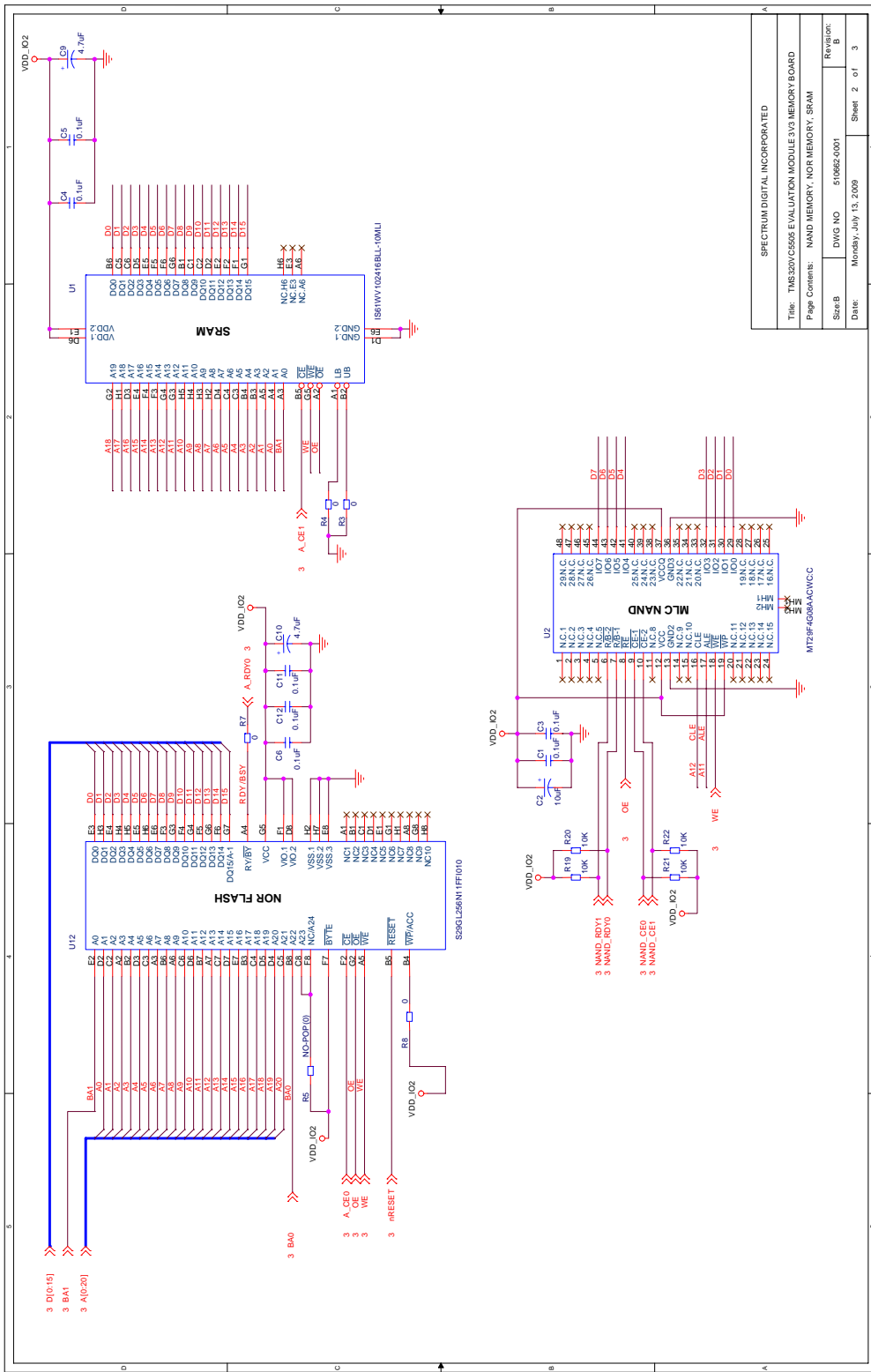


4. Carefully push down on the memory card. You should hear a small "snap" noise when the memory card properly seats onto the VC5505 EVM. Do NOT force this connection in that the connectors could become damaged.

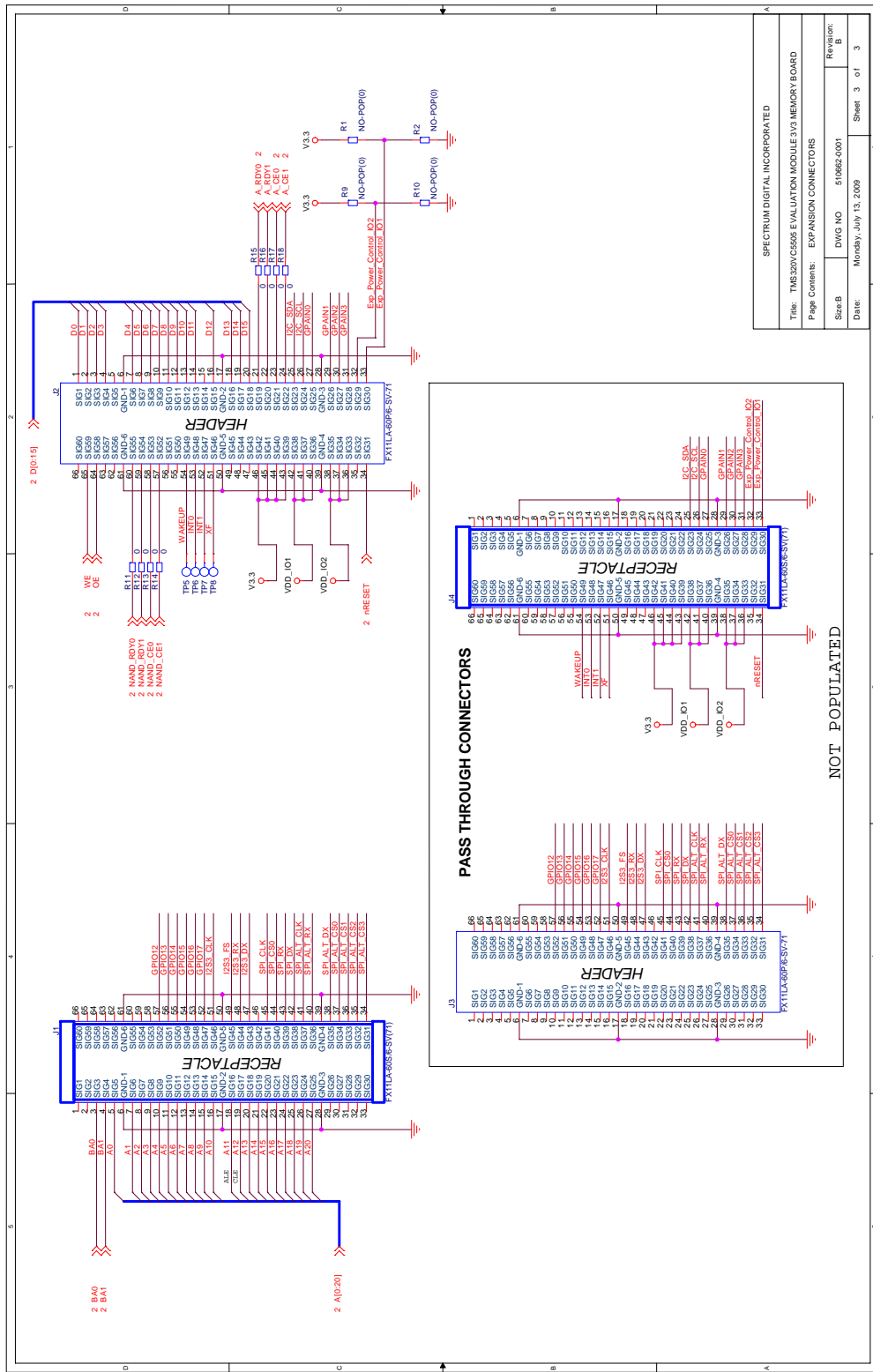


5. You can now apply power to the VC5505 EVM.

NOTES, UNLESS OTHERWISE SPECIFIED:		REVISIONS	
1. RESISTANCE VALUES IN OHMS.		REV	DATE
2. CAPACITANCE VALUES IN MICROFARADS.		A	01/14/08
3. REFERENCE DESIGNATORS USED:		B	02/04/08
4. ALL 0.1 uF AND 0.01uF CAPACITORS ARE DECOUPLING CAPS UNLESS OTHERWISE NOTED. THEY ARE SHOWN ON THE PAGE WITH THE INTEGRATED CIRCUITS THEY SHOULD BE PLACED NEAR.		DESCRIPTION	
		Initial Release.	
		-Changed signal going to NAND RE from RnW to OE.	
		-Added support for NAND with 2 CEs.	
<p>SCHEMATIC CONTENTS</p> <p>1 - TITLE PAGE</p> <p>2 - NAND, NOR, SRAM MEMORIES</p> <p>3 - EXPANSION CONNECTORS</p>			
<p>SPECTRUM DIGITAL INCORPORATED</p> <p>Title: TMS320VC5505 EVALUATION MODULE 3V3 MEMORY BOARD</p> <p>Page Contents: TITLE PAGE</p> <p>SizeB: DWG NO: 510666-0001 Revision: B</p> <p>Date: Monday, July 13, 2009 Sheet 1 of 3</p>			



SPECTRUM DIGITAL INCORPORATED	
Title: TMS320VC5505 EVALUATION MODULE 513 MEMORY BOARD	
Page Contents: NAND MEMORY, NOR MEMORY, SRAM	
Size B	DWG NO 510662-0001
Date:	Monday, July 13, 2009
Sheet 2 of 3	



SPECTRUM DIGITAL INCORPORATED	
Title: TMS320VC5505 EVALUATION MODULE v13 MEMORY BOARD	
Page Contents: EXPANSION CONNECTORS	
Sheet: B	Revision: B
DWG NO: 510666-0001	
Date: Monday, July 13, 2009	Sheet 3 of 3

IMPORTANT NOTICE

Texas Instruments Incorporated and its subsidiaries (TI) reserve the right to make corrections, modifications, enhancements, improvements, and other changes to its products and services at any time and to discontinue any product or service without notice. Customers should obtain the latest relevant information before placing orders and should verify that such information is current and complete. All products are sold subject to TI's terms and conditions of sale supplied at the time of order acknowledgment.

TI warrants performance of its hardware products to the specifications applicable at the time of sale in accordance with TI's standard warranty. Testing and other quality control techniques are used to the extent TI deems necessary to support this warranty. Except where mandated by government requirements, testing of all parameters of each product is not necessarily performed.

TI assumes no liability for applications assistance or customer product design. Customers are responsible for their products and applications using TI components. To minimize the risks associated with customer products and applications, customers should provide adequate design and operating safeguards.

TI does not warrant or represent that any license, either express or implied, is granted under any TI patent right, copyright, mask work right, or other TI intellectual property right relating to any combination, machine, or process in which TI products or services are used. Information published by TI regarding third-party products or services does not constitute a license from TI to use such products or services or a warranty or endorsement thereof. Use of such information 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.

Reproduction of TI information in TI data books or data sheets is permissible only if reproduction is without alteration and is accompanied by all associated warranties, conditions, limitations, and notices. Reproduction of this information with alteration is an unfair and deceptive business practice. TI is not responsible or liable for such altered documentation. Information of third parties may be subject to additional restrictions.

Resale of TI products or services with statements different from or beyond the parameters stated by TI for that product or service voids all express and any implied warranties for the associated TI product or service and is an unfair and deceptive business practice. TI is not responsible or liable for any such statements.

TI products are not authorized for use in safety-critical applications (such as life support) where a failure of the TI product would reasonably be expected to cause severe personal injury or death, unless officers of the parties have executed an agreement specifically governing such use. Buyers represent that they have all necessary expertise in the safety and regulatory ramifications of their applications, and acknowledge and agree that they are solely responsible for all legal, regulatory and safety-related requirements concerning their products and any use of TI products in such safety-critical applications, notwithstanding any applications-related information or support that may be provided by TI. Further, Buyers must fully indemnify TI and its representatives against any damages arising out of the use of TI products in such safety-critical applications.

TI products are neither designed nor intended for use in military/aerospace applications or environments unless the TI products are specifically designated by TI as military-grade or "enhanced plastic." Only products designated by TI as military-grade meet military specifications. Buyers acknowledge and agree that any such use of TI products which TI has not designated as military-grade is solely at the Buyer's risk, and that they are solely responsible for compliance with all legal and regulatory requirements in connection with such use.

TI products are neither designed nor intended for use in automotive applications or environments unless the specific TI products are designated by TI as compliant with ISO/TS 16949 requirements. Buyers acknowledge and agree that, if they use any non-designated products in automotive applications, TI will not be responsible for any failure to meet such requirements.

Following are URLs where you can obtain information on other Texas Instruments products and application solutions:

Products

Amplifiers	amplifier.ti.com
Data Converters	dataconverter.ti.com
DLP® Products	www.dlp.com
DSP	dsp.ti.com
Clocks and Timers	www.ti.com/clocks
Interface	interface.ti.com
Logic	logic.ti.com
Power Mgmt	power.ti.com
Microcontrollers	microcontroller.ti.com
RFID	www.ti-rfid.com
RF/IF and ZigBee® Solutions	www.ti.com/lprf

Applications

Audio	www.ti.com/audio
Automotive	www.ti.com/automotive
Broadband	www.ti.com/broadband
Digital Control	www.ti.com/digitalcontrol
Medical	www.ti.com/medical
Military	www.ti.com/military
Optical Networking	www.ti.com/opticalnetwork
Security	www.ti.com/security
Telephony	www.ti.com/telephony
Video & Imaging	www.ti.com/video
Wireless	www.ti.com/wireless

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2009, Texas Instruments Incorporated