



# Installation Note for the Supervisor Engine 2T DRAM Memory

---

**Product Number: MEM-SUP2T-4GB**

This document provides the procedures for installing a second DRAM module on the Supervisor Engine 2T. This procedure is used to increase your Supervisor Engine 2T DRAM from 2 GB to 4 GB.

## Required Tools

The following tools are required to remove and replace the DRAM module on the Supervisor Engine 2T:

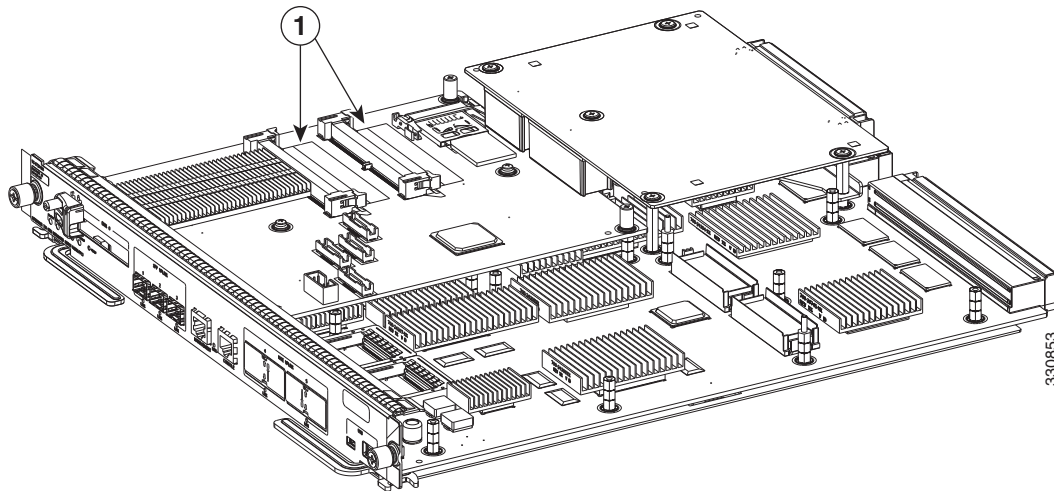
- Antistatic mat or antistatic bag
- ESD wrist strap
- No. 2 Phillips screwdriver (may be needed to loosen the captive installation screws on the supervisor engine.)

## Installing the DRAM Module

There are two DRAM module sockets located on the Supervisor Engine 2T CPU daughter card. (See [Figure 1](#).) For a Supervisor Engine 2T with 2 GB of memory, only one of the two DRAM sockets contains a 2 GB DRAM DIMM. To increase the Supervisor Engine 2T DRAM memory to 4 GB, you must install a 2 GB DRAM module, supplied in the MEM-SUP2T-4GB upgrade kit, in the second DRAM socket.



**Figure 1** DRAM Sockets on the Supervisor Engine 2T



<b>1</b>	DRAM DIMM sockets
----------	-------------------

To install a DRAM DIMM, follow these steps:

- Step 1** Attach an ESD grounding strap between your wrist and bare metal on the chassis. If you are unsure of the correct ESD procedures, refer to the ESD precautions chapter in the Catalyst 6500 Series Supervisor Engine Guide at:
- [http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module\\_Installation/Sup\\_Eng\\_Guide/0cesd.html](http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module_Installation/Sup_Eng_Guide/0cesd.html)
- Step 2** Remove the supervisor engine from the chassis and place it on an antistatic work surface. If you are unfamiliar with the correct procedure for removing a supervisor engine from the chassis, refer to the Catalyst 6500 Series Supervisor Engine Guide at:
- [http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module\\_Installation/Sup\\_Eng\\_Guide/03instal.html](http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module_Installation/Sup_Eng_Guide/03instal.html)
- Step 3** Remove the new 2 GB DRAM module from its packaging and place it on an antistatic work surface.
- Step 4** Locate the two DRAM module sockets on the CPU daughter card. (See [Figure 1](#).)
- Step 5** Without touching the DRAM module circuitry or the DRAM module edge connector, carefully position the DRAM module in front of the empty DRAM socket.
- Step 6** Slide the DRAM module into the socket. Press firmly and equally on both the left and right ends of the DRAM module until the DRAM module snaps into place.
- Step 7** Visually verify that both white retaining clips on the DRAM socket are engaged in the notches on the sides of the DRAM module.
- Step 8** Reinstall the Supervisor Engine 2T in the chassis. If you are not familiar with the procedure for installing modules in a Catalyst 6500 series chassis, refer to the Catalyst 6500 Series Supervisor Engine Guide at:
- [http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module\\_Installation/Sup\\_Eng\\_Guide/03instal.html](http://www.cisco.com/en/US/docs/switches/lan/catalyst6500/hardware/Module_Installation/Sup_Eng_Guide/03instal.html)

# Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:


<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

Subscribe to the *What's New in Cisco Product Documentation* as an RSS feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service. Cisco currently supports RSS Version 2.0.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2011 Cisco Systems, Inc. All rights reserved.

 Printed in the USA on recycled paper containing 10% postconsumer waste.

