

# Enabling Capacity on Demand (COD) CPU/Memory Boards on Sun Fire™ 15K/12K/6800/4810/4800/3800 Systems

This card describes how the `enablecodboard` system controller command converts a non-COD CPU/Memory board (Uniboard) to a COD CPU/Memory board. This command is for the Sun Fire™ mid-range and high-end systems and is for **Sun™ internal use only**.

**TABLE 1** `enablecodboard` Command User, Usage, and Minimum Firmware Version

User	Shell, Mode, and Minimum Firmware Version
Sun service engineers	<b>Sun Fire 6800/4810/4800/3800 systems</b> <ul style="list-style-type: none"><li>• Platform shell (password-protected service or manufacturing modes)</li><li>• 5.14.0 firmware release</li></ul>
Sun service engineers	<b>Sun Fire 15K/12K systems</b> <ul style="list-style-type: none"><li>• Root/platform service privilege</li><li>• System Management Services (SMS) 1.3 firmware release</li></ul>

TABLE 2 describes the steps to complete before executing this command and the command description.

**TABLE 2** enablecodboard Command Prerequisite and Description

Before Executing This Command	Command Description
<ul style="list-style-type: none"><li>• Power off CPU/Memory board (Uniboard)</li></ul>	<ul style="list-style-type: none"><li>• Converts a non-COD CPU/Memory board to a COD CPU/Memory board</li><li>• COD CPU/Memory board <i>cannot</i> be reversed to a non-COD CPU/Memory board at a customer site.</li><li>• Return the board to the Sun repair depot to reconvert it to a non-COD CPU/Memory board.</li></ul>

## Syntax

```
enablecodboard [ -y|-n ] board_name [ board_name ... ]
```

```
enablecodboard -h
```

## Options/Parameters

TABLE 3 lists and describes the options and parameters.

**TABLE 3** Options/Parameters for the enablecodboard Command

Options/Parameters	Description
-h	Displays help for this command. Use the -h option alone. Any option specified in addition to the -h option is ignored.
-y	Automatically answers <i>Yes</i> to all prompts.*
-n	Automatically answers <i>No</i> to all prompts.*
<i>board_name</i>	SB0, SB1, ..., SB17

\* This option is accepted in manufacturing mode but *not* in service mode for the Sun Fire 6800/4810/4800/3800 systems. This option is accepted on the Sun Fire 15K/12K system.

## Examples

CODE EXAMPLE 1 and CODE EXAMPLE 2 display the enablecodboard syntax and the results returned in converting SB0 and SB1 to COD CPU/Memory boards.

### CODE EXAMPLE 1 Converting SB0 to a COD CPU/Memory Board

```
schostname:SC> enablecodboard SB0
WARNING: After conversion, a COD Board requires licenses to be used.
This conversion cannot be reversed.
Do you want to convert SB0 to COD [no]? yes
SB0: converted
```

## CODE EXAMPLE 2 Converting SB0 and SB1 to COD CPU/Memory Boards

```
schostname:SC> enablecodboard SB0 SB1
WARNING: After conversion, a COD Board requires licenses to be used.
This conversion cannot be reversed.
Do you want to convert SB0 to COD [no]? yes
SB0: converted
Do you want to convert SB1 to COD [no]? yes
SB1: board is powered on, please turn it off
```

## See Also

showboards

## Placing the COD Label on the COD CPU/Memory Board

- ◆ Affix the supplied COD label on the ASIC cover in back of the cover for the CPUs (FIGURE 1).

**CAPACITY ON DEMAND**  
RTU License required to enable the  
COD CPU resources

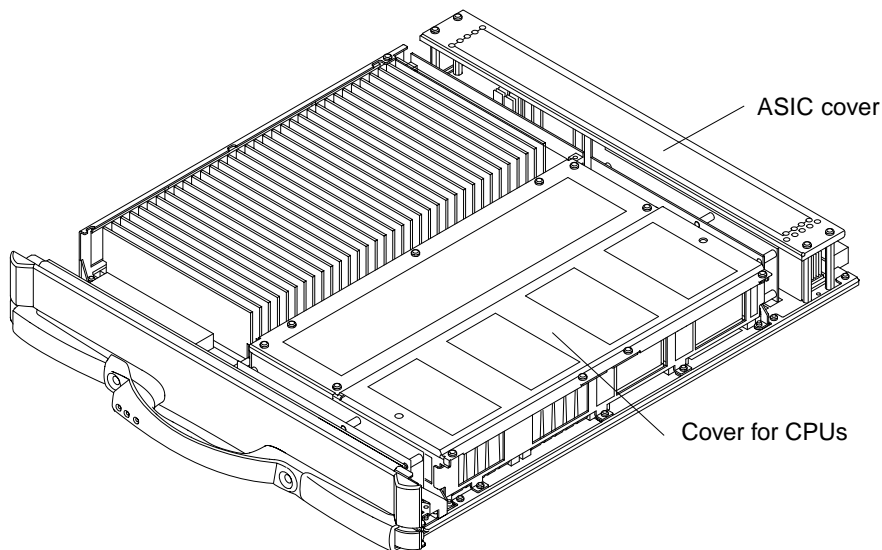


FIGURE 1 Sun Fire CPU/Memory Board

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