

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/Software Versions

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

TABLE 2 describes this command and lists the step you must complete before executing this command.

TABLE 2 `enablecodboard` Command Prerequisite and Description

Before Executing This Command	Command Description
<ul style="list-style-type: none"> Power off CPU/Memory board (Uniboard) 	<ul style="list-style-type: none"> Converts a non-COD CPU/Memory board to a COD CPU/Memory board.



Caution – To use the COD CPU board, a COD license is required.

A COD CPU/Memory board cannot be reversed to a non-CPU/Memory board at a customer site. Return the board to the Sun repair depot to reconvert it to non-COD CPU/Memory board.

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

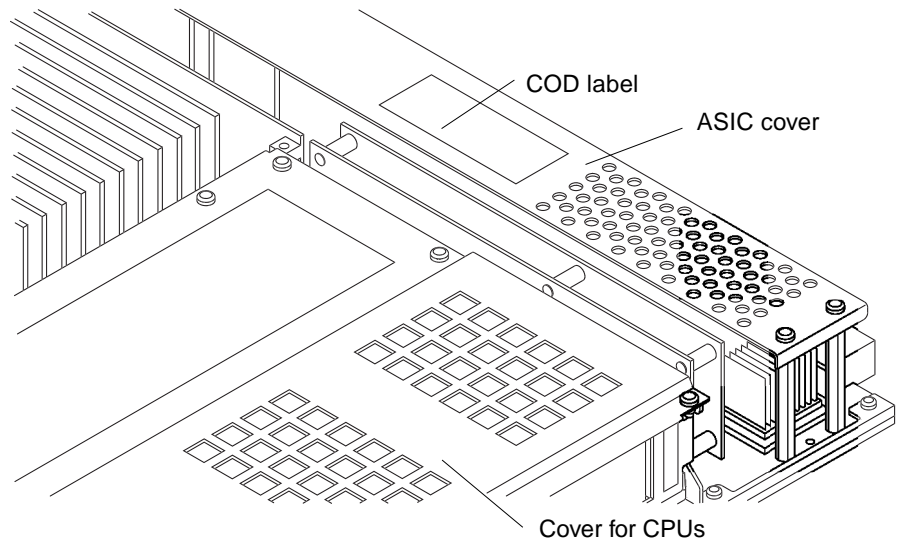


FIGURE 1 Sun Fire CPU/Memory Board

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