

NAME

cfi, **cfid** - driver for Common Flash Interface (CFI) NOR flash

SYNOPSIS

```
device cfi
device cfid
options CFI_SUPPORT_STRATAFLASH
options CFI_ARMEDANDDANGEROUS
```

In */boot/device.hints*:

```
hint.cfi.0.at="nexus0"
hint.cfi.0.maddr=0x74000000
hint.cfi.0.msize=0x4000000
```

In DTS file:

```
flash@74000000 {
    compatible = "cfi-flash";
    reg = <0x74000000 0x4000000>;
};
```

DESCRIPTION

The **cfi** device driver provides a management interface to NOR flash devices supporting the Common Flash Interface (CFI) specification. Its companion device **cfid** provides a geom(4) disk interface to the device.

Special support for features of the Intel StrataFlash line are available with the **CFI_SUPPORT_STRATAFLASH** kernel option. Additional support for write-once bits to switch part of Intel StrataFlash devices to read-only can be enabled by the **CFI_ARMEDANDDANGEROUS** kernel option.

SEE ALSO

led(4)

HISTORY

The **cfi** device driver first appeared in FreeBSD 8.0.

AUTHORS

The **cfi** driver was written by Juniper Networks with StrataFlash support by Sam Leffler. This manual page was written by SRI International and the University of Cambridge Computer Laboratory under DARPA/AFRL contract (FA8750-10-C-0237) ("CTSRD"), as part of the

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