

**NAME**

**aw\_sid** - driver for the SID controller in Allwinner SoC

**DESCRIPTION**

The **aw\_sid** device driver provides support for the Allwinner SID (Security ID) controller. This controller provides root security keys that may be used as either a device unique ID or to generate a MAC address.

**HARDWARE**

The **aw\_sid** driver supports the SID controller with one of the following compatible strings:

- ⌘ allwinner,sun4i-a10-sid
- ⌘ allwinner,sun7i-a20-sid
- ⌘ allwinner,sun50i-a64-sid
- ⌘ allwinner,sun8i-a83t-sid
- ⌘ allwinner,sun8i-h3-sid

**SYSCTL VARIABLES**

The following read-only variables are available via `sysctl(8)`:

*dev.aw\_sid.rootkey*

Root security key for this device.

**HISTORY**

The **aw\_sid** device driver first appeared in FreeBSD 11.0.

**AUTHORS**

The **aw\_sid** device driver was written by Jared McNeill <jmcneill@invisible.ca>. This manual page was written by

Kyle Evans <kevans@FreeBSD.org>.