

# SAGA SDCard Core



## Overview

The SAGA SDCard Core can drive the MicroSD slot embedded on the Vampire [V600-V2](#). For more practical informations, see [How to Install and use SAGA SDCard Driver](#) article.

## Features

- MicroSD SPI protocol.
- Works with most SD HC cards, up to Class 10.
- Works from AmigaOS 3.x with the `sagasd.device`.
- Works will all Amiga FileSystems (FFS, SFS, PFS, FAT95).

## SDCARD Registers

Register	Name	Access	Size	Description
DE0000	<a href="#">SAGA_SDCARD_DATA</a>	RW	UBYTE	Read and Write Data
DE0004	<a href="#">SAGA_SDCARD_CTL</a>	W	UWORD	Write Control
DE0006	<a href="#">SAGA_SDCARD_STAT</a>	R	UWORD	Read Status
DE000C	<a href="#">SAGA_SDCARD_CLK</a>	W	UWORD	Clock Speed

## SDCard Definitions

Definition	Name	Value
nChipSelect	SAGA_SDCARD_CTL_NCS	(1 << 0)
nCardDetect	SAGA_SDCARD_STAT_NCD	(1 << 0)
nClockSelect	SAGA_SDCARD_CLK_DIV(x)	((x) & 0xff)

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