**RCA Registers**

16

RCA Ox0000 Ox0000 CMD7

standby

**DSR register (Optional)**

16

( ) CSD DSR

DSR 0x404

**SCR register**

CSD SD (SCR) SCR

SD 64

SD SCR

| Description | Field | Type | Slice | Width | Cell | SCR |
|---|---|---|---|---|---|---|
| DAT Bus widths supported | SD_BUS_WIDTHS | | | 4 | R | [51:48] |
| Spec. Version 3.00 or higher | SD_SPEC3 | | | 1 | R | [47] |
| Extended Security Support | EX_SECURITY | | | 4 | R | [46:43] |
| Reserved | | | | 9 | R | [42:34] |

**The SCR Fields**

**SD_SPEC**

**SD_SPEC3**

1.XX SD_SPEC3 0

:

SD_SPEC

SD

**1.01 (SD_SPEC=0 SD_SPEC3-0)**

(1) CMD6

(2) CMD8

(3) 2GB

**1.10 (SD_SPEC=1 and SD_SPEC3-0)**

(1) CMD6

(2) CMD8

(3) 2GB

**2.00 (sd_spec2 SD_SPEC3-0)**

(1) CMD6

(2) CMD8

(3) CMD42

(4) 2GB (SDSC) 32GB (SDHC)

(5) (SDHC)

**3.00 (SD_SPEC=2 SD_SPEC3-1)**

(1) CMD6

(2) CMD8

(3) CMD42

(4)

**SD_SECURITY**

CPRM

| SD_SECURITY | CPRM Security Version |
|---|---|
| 0 | No Security |

**CPRM Security Version**

:

SDSC 2( 1.01)
SDHC 3( 2.00)
SDXC 4( 3.xx)

SD ROM( ) OTP( )

SD

**SD_BUS_WIDTHS**

DAT

**SD Memory Card Supported Bus Widths**

**EX_SECURITY**

3 3.00

**Extended Security**

**CMD_SUPPORT**

SCR 33-32

| SCR Bit | Command Sequence | Command | CCC Remarks |
|---|---|---|---|
| ard | 33 | Set Block Count | CMD23 | 2, 4 | Mandatory for UHS104 c |
| d | 32 | Speed Class Control | CMD20 | 2, 4 | Mandatory for SDXC car |

杭州瀚海微科技有限公司 www.hanhai-tech.com