Main Page Modules Files

Include

Files

file **return_codes.h**
Error and Status return values.

Defines

#define	ERROR_DDI_CLK_GROUP	0x00005000
#define	ERROR_DDI_CLK_NOT_ENABLED	(ERROR_DDI_GROUP | ERROR_DDI_CLK_GROUP | 0x2)
#define	ERROR_DDI_DIVISOR_VALUE	(ERROR_DDI_GROUP | ERROR_DDI_CLK_GROUP | 0x1)
#define	ERROR_DDI_GROUP	0x80200000 *The DDI major group is 2.*
#define	ERROR_DDI_I2C_BUFFER_NOT_FOUND	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x8)
#define	ERROR_DDI_I2C_DMA_IN_FLIGHT	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x9)
#define	ERROR_DDI_I2C_DMA_RESET_TIMEOUT	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x3)
#define	ERROR_DDI_I2C_DMA_SEMAPHORE_TIMEOUT	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x2)
#define	ERROR_DDI_I2C_EARLY_TERM	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x6)
#define	ERROR_DDI_I2C_EOF	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x4)
#define	ERROR_DDI_I2C_GENERAL	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x0)
#define	ERROR_DDI_I2C_GROUP	(0x00007000) *The I2C driver minor group.*
#define	ERROR_DDI_I2C_INVALID_READ_SIZE	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x1)
#define	ERROR_DDI_I2C_MASTER_LOSS	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x7)
#define	ERROR_DDI_I2C_MASTER_NOT_PRESENT	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0xa)
#define	ERROR_DDI_I2C_NO_SLAVE_ACK	(ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x5)
#define	ERROR_DDI_NOR_CONTROLLER_NOT_PRESENT	(ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x0)
#define	ERROR_DDI_NOR_DRIVER_GROUP	0x00022000
#define	ERROR_DDI_NOR_JUMP_NOT_ALLOWED	(ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x2)
#define	ERROR_DDI_NOR_RETURNED_FROM_JUMP_TO_NOR	(ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x3)
#define	ERROR_DDI_NOR_UNSUPPORTED_IN_100_PIN_PKG	(ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x1)
#define	ERROR_DDI_SD_2_X_INCOMPATIBLE_VOLTAGE_RANGE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x10)
#define	ERROR_DDI_SD_2_X_INCORRECT_CHECK_PATTERN	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xF)
#define	ERROR_DDI_SD_BOOT_IMAGE_NOT_FOUND	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x9)
#define	ERROR_DDI_SD_BUS_WIDTH_SELECTION_FAILURE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1C)
#define	ERROR_DDI_SD_CMD2_FAILED	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x28)
#define	ERROR_DDI_SD_CMD55_FAILED	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x29)
#define	ERROR_DDI_SD_CONFIG_BLOCK_NOT_FOUND	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x7)
#define	ERROR_DDI_SD_DETECT_DEVICE_FAIL	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x8)
#define	ERROR_DDI_SD_DETECTION_TIME_OUT	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x12)
#define	ERROR_DDI_SD_DEVICE_NOT_SUPPORTED	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x11)
#define	ERROR_DDI_SD_DRIVER_GROUP	0x0000A000
#define	ERROR_DDI_SD_DRIVER_NOT_INITIALIZED	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x6)
#define	ERROR_DDI_SD_FAILED_SWITCH	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x27)
#define	ERROR_DDI_SD_FAILED_TO_READ_CSD	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x24)
#define	ERROR_DDI_SD_GENERAL_FAILURE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xE)
#define	ERROR_DDI_SD_GENERAL_TIMEOUT	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xD)
#define	ERROR_DDI_SD_IDENTIFY_DEVICE_FAIL	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xC)
#define	ERROR_DDI_SD_IMPROPER_BOOT_IMAGE_ALIGNMENT	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x21)
#define	ERROR_DDI_SD_INSUFFICIENT_CONTEXT_MEMORY	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x4)
#define	ERROR_DDI_SD_INVALID_BLOCK_SIZE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1F)
#define	ERROR_DDI_SD_INVALID_BOOT_MODE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1)
#define	ERROR_DDI_SD_INVALID_CFGBLCK_SECTOR_SIZE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x5)
#define	ERROR_DDI_SD_INVALID_CFGBLK_START_ADDR	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x2)
#define	ERROR_DDI_SD_INVALID_CLOCK_SPEED_STRUCT_SIZE	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x3)
#define	ERROR_DDI_SD_INVALID_IOCTRL_COMMAND	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x0)
#define	ERROR_DDI_SD_INVALID_MBLOCK_READ_REENTRY	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x22)
#define	ERROR_DDI_SD_INVALID_MBR	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1E)
#define	ERROR_DDI_SD_INVALID_PERSISTENT_BUS_WIDTH	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x25)
#define	ERROR_DDI_SD_INVALID_VOLTAGE_WINDOW	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x20)
#define	ERROR_DDI_SD_MBR_NOT_FOUND	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1D)
#define	ERROR_DDI_SD_MMC_DETECTION_TIME_OUT	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x15)
#define	ERROR_DDI_SD_MMC_DEVICE_NOT_SUPPORTED	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x14)
#define	ERROR_DDI_SD_MMC_INVALID_BUS_WIDTH	(ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1A)

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#define ERROR_DDI_SD_MMC_UNSUPPORTED_EXT_CSD_REV (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x16)
#define ERROR_DDI_SD_MULTI_READ_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x23)
#define ERROR_DDI_SD_PERSISTENT_READ_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x2A)
#define ERROR_DDI_SD_SD_DEVICE_NOT_SUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x17)
#define ERROR_DDI_SD_SD_INVALID_BUS_WIDTH (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1B)
#define ERROR_DDI_SD_SD_SEND_OP_COND_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x13)
#define ERROR_DDI_SD_SD_UNSUPPORTED_SCR (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x18)
#define ERROR_DDI_SD_SD_UNSUPPORTED_SPEC (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x19)
#define ERROR_DDI_SD_SET_BUS_WIDTH_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x26)
#define ERROR_DDI_SD_UNABLE_TO_DESELECT_DEVICE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xB)
#define ERROR_DDI_SD_UNABLE_TO_SELECT_DEVICE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xA)
#define ERROR_DDI_SPI_DRIVER_GROUP 0x00009000
#define ERROR_DDI_SPI_DRIVER_NOT_INITIALIZED (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x6)
#define ERROR_DDI_SPI_INSUFFICIENT_CONTEXT_MEMORY (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x4)
#define ERROR_DDI_SPI_INVALID_BOOT_MODE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x1)
#define ERROR_DDI_SPI_INVALID_CFGBLCK_SECTOR_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x5)
#define ERROR_DDI_SPI_INVALID_CFGBLK_START_ADDR (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x2)
#define ERROR_DDI_SPI_INVALID_CLOCK_SPEED_STRUCT_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x3)
#define ERROR_DDI_SPI_INVALID_IOCTRL_COMMAND (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x0)
#define ERROR_DDI_SSP_CMD (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x5)
#define ERROR_DDI_SSP_CONFIG (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x3)
#define ERROR_DDI_SSP_CONTROLLER_NOT_PRESENT (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x0)
#define ERROR_DDI_SSP_DMA_ACTIVE (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x2)
#define ERROR_DDI_SSP_DRIVER_GROUP 0x00006000
#define ERROR_DDI_SSP_NULL_PTR (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x4)
#define ERROR_DDI_SSP_SCK_INDEX (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x7)
#define ERROR_DDI_SSP_UNSUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x6)
#define ERROR_DDI_SSP_UNSUPPORTED_IN_100_PIN_PKG (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x1)
#define ERROR_ROM 0xFFFFFFFF
#define ERROR_ROM_ATA_DRIVER_GROUP 0x00003000
#define ERROR_ROM_COMMON_DRIVER_GROUP 0x0000B000
#define ERROR_ROM_COMMON_DRIVER_INVALID_CONFIGBLOCK (ERROR_DDI_GROUP | ERROR_ROM_COMMON_DRIVER_GROUP |
        0x2)
#define ERROR_ROM_COMMON_DRIVER_INVALID_MBR (ERROR_DDI_GROUP | ERROR_ROM_COMMON_DRIVER_GROUP | 0x1)
#define ERROR_ROM_GROUP 0x80500000
        The ROM Major group with error bit set.
#define ERROR_ROM_LDR_CHECKSUM (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x7)
#define ERROR_ROM_LDR_DCP_STATUS (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x1)
#define ERROR_ROM_LDR_DCP_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x2)
#define ERROR_ROM_LDR_ENCRYPTED_ONLY (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x5)
#define ERROR_ROM_LDR_EOF_REACHED (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x9)
#define ERROR_ROM_LDR_ID_NOT_FOUND (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xA)
#define ERROR_ROM_LDR_JUMP_RETURNED (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xC)
#define ERROR_ROM_LDR_KEY_NOT_FOUND (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x6)
#define ERROR_ROM_LDR_PAYLOAD_CRC (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xB)
#define ERROR_ROM_LDR_SECTION_LENGTH (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x4)
#define ERROR_ROM_LDR_SECTION_OVERRUN (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xD)
#define ERROR_ROM_LDR_SIGNATURE (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x3)
#define ERROR_ROM_LDR_UNKNOWN_COMMAND (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x8)
#define ERROR_ROM_LOADER_GROUP 0x00001000
#define ERROR_ROM_NAND_DMA_BUSY (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x16)
#define ERROR_ROM_NAND_DRIVER_DMA_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x8)
#define ERROR_ROM_NAND_DRIVER_ERASE_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0D)
#define ERROR_ROM_NAND_DRIVER_FATAL_ERROR (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x5)
#define ERROR_ROM_NAND_DRIVER_GROUP 0x00008000
#define ERROR_ROM_NAND_DRIVER_NAND_INIT_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x6)
#define ERROR_ROM_NAND_DRIVER_NCB_HAMMING_DOUBLE_ERROR (ERROR_ROM_GROUP |
        ERROR_ROM_NAND_DRIVER_GROUP | 0x12)
#define ERROR_ROM_NAND_DRIVER_NCB_INVALID_ECC (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x14)
#define ERROR_ROM_NAND_DRIVER_NCB_SYNDROME_TABLE_MISMATCH (ERROR_ROM_GROUP |
        ERROR_ROM_NAND_DRIVER_GROUP | 0x13)
#define ERROR_ROM_NAND_DRIVER_NCB_TRIPLE_RED_CHK_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP
        | 0x11)
#define ERROR_ROM_NAND_DRIVER_NO_BCB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x1)
#define ERROR_ROM_NAND_DRIVER_NO_DBBT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x4)
#define ERROR_ROM_NAND_DRIVER_NO_ECC_PRESENT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x10)
#define ERROR_ROM_NAND_DRIVER_NO_GPMI_PRESENT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0B)
#define ERROR_ROM_NAND_DRIVER_NO_LDLB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x3)
#define ERROR_ROM_NAND_DRIVER_NO_NCB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x2)
#define ERROR_ROM_NAND_DRIVER_NO_READ_IN_PROGRESS (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0A)
#define ERROR_ROM_NAND_DRIVER_PROGRAM_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0C)
#define ERROR_ROM_NAND_DRIVER_RESET_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x09)
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#define **ERROR_ROM_NAND_DRIVER_SEARCH_FAILED** (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x7)

#define **ERROR_ROM_NAND_ECC_ALL_ONES** (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x15)

#define **ERROR_ROM_NAND_ECC_FAILED** (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0F)

#define **ERROR_ROM_NAND_ECC_THRESHOLD** (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x17)

#define **ERROR_ROM_NAND_LOAD_COMPLETED** (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0E)

#define **ERROR_ROM_STARTUP_EFUSE_READY_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x10)

#define **ERROR_ROM_STARTUP_GPIO_BANK_DISABLED** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x14)

#define **ERROR_ROM_STARTUP_GROUP** 0x00004000
The ROM Startup group is 0x00004000.

#define **ERROR_ROM_STARTUP_JTAG_DISABLED** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x13)

#define **ERROR_ROM_STARTUP_PERSISTENT_BIT_READY_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x9)

#define **ERROR_ROM_STARTUP_TEST_MODES_DISABLED** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x18)

#define **ERROR_ROM_STARTUP_UNABLE_TO_LOAD_PERSISTENT_WORD** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x15)

#define **ERROR_ROM_STARTUP_UNABLE_TO_SET_PERSISTENT_WORD** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x16)

#define **ERROR_ROM_STARTUP_UNEXPECTED_CALL_TO_RAM_TEST** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x12)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_BIST** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x8)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_BURN_IN** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x5)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_LOADER** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x3)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_NOR** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x17)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_RAM_TEST** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x7)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_ROM_CRC** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x6)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_START** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x11)

#define **ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_TESTER_LOADER** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x4)

#define **ERROR_ROM_STARTUP_UNKNOWN_BOOT_MODE** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x1)

#define **ERROR_ROM_STARTUP_UNSUPPORTED_BOOT_MODE** (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x2)

#define **ERROR_ROM_USB_CONNECT_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x8)
0x80502008

#define **ERROR_ROM_USB_DEVICE_NOT_CONFIGURED** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x4)

#define **ERROR_ROM_USB_DISCONNECTED** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x9)
0x80502009

#define **ERROR_ROM_USB_DRIVER_GROUP** 0x00002000

#define **ERROR_ROM_USB_EP_INIT_FAILED** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x3)

#define **ERROR_ROM_USB_INIT_FAILED** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x5)

#define **ERROR_ROM_USB_NO_SERVICE** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x1)

#define **ERROR_ROM_USB_NO_TRANSFER_STRUCTURES** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x6)

#define **ERROR_ROM_USB_PLL_LOCK_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x7)
0x80502007

#define **ERROR_ROM_USB_SIZE_TOO_LARGE** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x2)

#define **ERROR_SSP_CHANNEL_INVALID** (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x9)

#define **ERROR_SSP_DRIVER_DMA_TIMEOUT** (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x8)

#define **ERROR_SSP_HW_TIMEOUT** (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0xA)

#define **ERROR_SSP_INVALID_SCK_FREQ** (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0xB)

#define **ERROR_USB_ARC_RESET_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xA)
0x8050200A

#define **ERROR_USB_HARDWARE_NOT_PRESENT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xB)
0x8050200B

#define **ERROR_USB_INSUFFICIENT_MEM_POOL** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xE)
0x8050200E

#define **ERROR_USB_RECOVERY_DISABLED** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xD)
0x8050200D

#define **ERROR_USB_SUSPEND_WAIT_FOR_LINESTATE_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xC)
0x8050200C

#define **ERROR_USB_WAIT_FOR_LINESTATE_TIMEOUT** (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xF)
0x8050200F

#define **ROM_BOOT_IMAGE_ID** 2

#define **ROM_BOOT_SECTION_ID** 1
Plugin return codes.

#define **ROM_GROUP** 0x00500000
The ROM Major group is 5.

#define **SUCCESS** 0

Generic return codes.

Typedefs

typedef int **RtStatus_t**

Define Documentation

#define ERROR_DDI_CLK_GROUP 0x00005000

#define ERROR_DDI_CLK_NOT_ENABLED (ERROR_DDI_GROUP | ERROR_DDI_CLK_GROUP | 0x2)

0x80205002 Attempt to select a Clock not enabled

#define ERROR_DDI_DIVISOR_VALUE (ERROR_DDI_GROUP | ERROR_DDI_CLK_GROUP | 0x1)

0x80205001 Invalid Divisor setting

#define ERROR_DDI_GROUP 0x80200000

The DDI major group is 2.

#define ERROR_DDI_I2C_BUFFER_NOT_FOUND (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x8)

0x80207008

#define ERROR_DDI_I2C_DMA_IN_FLIGHT (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x9)

0x80207009 The I2C DMA is still being processed.

#define ERROR_DDI_I2C_DMA_RESET_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x3)

0x80207003 Timed out white resetting the I2C DMA channel.

#define ERROR_DDI_I2C_DMA_SEMAPHORE_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x2)

0x80207002 The DMA transaction timed out.

#define ERROR_DDI_I2C_EARLY_TERM (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x6)

0x80207006 Slave device terminated communications early.

#define ERROR_DDI_I2C_EOF (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x4)

0x80207004 Reached the end of the EEPROM.

#define ERROR_DDI_I2C_GENERAL (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x0)

0x80207000 Generic I2C driver error.

#define ERROR_DDI_I2C_GROUP (0x00007000)

The I2C driver minor group.

#define ERROR_DDI_I2C_INVALID_READ_SIZE (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x1)

0x80207001 A read of an unsupported size was attempted.

#define ERROR_DDI_I2C_MASTER_LOSS (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x7)

0x80207007 Lost arbitration to another master.

#define ERROR_DDI_I2C_MASTER_NOT_PRESENT (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0xa)

0x8020700a The I2C master is not available in this device.

#define ERROR_DDI_I2C_NO_SLAVE_ACK (ERROR_DDI_GROUP | ERROR_DDI_I2C_GROUP | 0x5)

0x80207005 The EEPROM slave device did not respond.

#define ERROR_DDI_NOR_CONTROLLER_NOT_PRESENT (ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x0)

0x80222001 NOR Controller has been fused out (is not present) in device

#define ERROR_DDI_NOR_DRIVER_GROUP 0x00022000

#define ERROR_DDI_NOR_JUMP_NOT_ALLOWED (ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x2)

0x80222002 Unencrypted jump to NOR not allowed by eFuse

#define ERROR_DDI_NOR_RETURNED_FROM_JUMP_TO_NOR (ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0

0x80222003 Unencrypted jump to NOR returned to ROM

#define ERROR_DDI_NOR_UNSUPPORTED_IN_100_PIN_PKG (ERROR_DDI_GROUP | ERROR_DDI_NOR_DRIVER_GROUP | 0x1

0x80222001 NOR not supported in 100pin package

#define ERROR_DDI_SD_2_X_INCOMPATIBLE_VOLTAGE_RANGE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP |

0x8020A010 ?

#define ERROR_DDI_SD_2_X_INCORRECT_CHECK_PATTERN (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xF

0x8020A00F ?

#define ERROR_DDI_SD_BOOT_IMAGE_NOT_FOUND (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x9)

0x8020A009 ?

#define ERROR_DDI_SD_BUS_WIDTH_SELECTION_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1C

0x8020A01C ?

#define ERROR_DDI_SD_CMD2_FAILED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x28)

0x8020A028 ?

#define ERROR_DDI_SD_CMD55_FAILED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x29)

0x8020A029 ?

#define ERROR_DDI_SD_CONFIG_BLOCK_NOT_FOUND (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x7)

0x8020A007 ?

#define ERROR_DDI_SD_DETECT_DEVICE_FAIL (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x8)

0x8020A008 ?

#define ERROR_DDI_SD_DETECTION_TIME_OUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x12)

0x8020A012 ?

#define ERROR_DDI_SD_DEVICE_NOT_SUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x11)

0x8020A011 ?

#define ERROR_DDI_SD_DRIVER_GROUP 0x0000A000

#define ERROR_DDI_SD_DRIVER_NOT_INITIALIZED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x6)

0x8020A006 Loader didn't give the driver enough memory

#define ERROR_DDI_SD_FAILED_SWITCH (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x27)

0x8020A027 ?

#define ERROR_DDI_SD_FAILED_TO_READ_CSD (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x24)

0x8020A024 ?

#define ERROR_DDI_SD_GENERAL_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xE)

0x8020A00E ?

#define ERROR_DDI_SD_GENERAL_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xD)

0x8020A00D ?

#define ERROR_DDI_SD_IDENTIFY_DEVICE_FAIL (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xC)

0x8020A00C ?

#define ERROR_DDI_SD_IMPROPER_BOOT_IMAGE_ALIGNMENT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0

0x8020A021 ?

#define ERROR_DDI_SD_INSUFFICIENT_CONTEXT_MEMORY (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x4)

0x8020A004 ?

#define ERROR_DDI_SD_INVALID_BLOCK_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1F)

0x8020A01F ?

#define ERROR_DDI_SD_INVALID_BOOT_MODE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1)

0x8020A001 Invalid boot mode passed to sd_Init()

#define ERROR_DDI_SD_INVALID_CFGBLCK_SECTOR_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x5)

0x8020A005 ?

#define ERROR_DDI_SD_INVALID_CFGBLK_START_ADDR (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x2)

0x8020A002 ?

#define ERROR_DDI_SD_INVALID_CLOCK_SPEED_STRUCT_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP |

0x8020A003 ?

#define ERROR_DDI_SD_INVALID_IOCTRL_COMMAND (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x0)

0x8020A000 Invalid spi_IoCtrl() command

#define ERROR_DDI_SD_INVALID_MBLOCK_READ_REENTRY (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x22

0x8020A022 ?

#define ERROR_DDI_SD_INVALID_MBR (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1E)

0x8020A01E ?

#define ERROR_DDI_SD_INVALID_PERSISTENT_BUS_WIDTH (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x25

0x8020A025 ?

#define ERROR_DDI_SD_INVALID_VOLTAGE_WINDOW (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x20)

0x8020A020 ?

#define ERROR_DDI_SD_MBR_NOT_FOUND (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1D)

0x8020A01D ?

#define ERROR_DDI_SD_MMC_DETECTION_TIME_OUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x15)

0x8020A015 ?

#define ERROR_DDI_SD_MMC_DEVICE_NOT_SUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x14)

0x8020A014 ?

#define ERROR_DDI_SD_MMC_INVALID_BUS_WIDTH (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1A)

0x8020A01A ?

#define ERROR_DDI_SD_MMC_UNSUPPORTED_EXT_CSD_REV (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x

0x8020A016 ?

#define ERROR_DDI_SD_MULTI_READ_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x23)

0x8020A023 ?

#define ERROR_DDI_SD_PERSISTENT_READ_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x2A)

0x8020A02A ?

#define ERROR_DDI_SD_SD_DEVICE_NOT_SUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x17)

0x8020A017 ?

#define ERROR_DDI_SD_SD_INVALID_BUS_WIDTH (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x1B)

0x8020A01B ?

#define ERROR_DDI_SD_SD_SEND_OP_COND_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x13)

0x8020A013 ?

#define ERROR_DDI_SD_SD_UNSUPPORTED_SCR (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x18)

0x8020A018 ?

#define ERROR_DDI_SD_SD_UNSUPPORTED_SPEC (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x19)

0x8020A019 ?

#define ERROR_DDI_SD_SET_BUS_WIDTH_FAILURE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0x26)

0x8020A026 ?

#define ERROR_DDI_SD_UNABLE_TO_DESELECT_DEVICE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xB)

0x8020A00B ?

#define ERROR_DDI_SD_UNABLE_TO_SELECT_DEVICE (ERROR_DDI_GROUP | ERROR_DDI_SD_DRIVER_GROUP | 0xA)

0x8020A00A ?

#define ERROR_DDI_SPI_DRIVER_GROUP 0x00009000

#define ERROR_DDI_SPI_DRIVER_NOT_INITIALIZED (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x6)

0x80209006 Loader didn't give the driver enough memory

#define ERROR_DDI_SPI_INSUFFICIENT_CONTEXT_MEMORY (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x4)

0x80209004 Loader didn't give the driver enough memory

#define ERROR_DDI_SPI_INVALID_BOOT_MODE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x1)

0x80209001 Invalid boot mode passed to spi_Init()

#define ERROR_DDI_SPI_INVALID_CFGBLCK_SECTOR_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x5)

0x80209005 Loader didn't give the driver enough memory

#define ERROR_DDI_SPI_INVALID_CFGBLK_START_ADDR (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x2)

0x80209002 Invalid start address in media config block

#define ERROR_DDI_SPI_INVALID_CLOCK_SPEED_STRUCT_SIZE (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP |

0x80209003 Invalid start address in media config block

#define ERROR_DDI_SPI_INVALID_IOCTRL_COMMAND (ERROR_DDI_GROUP | ERROR_DDI_SPI_DRIVER_GROUP | 0x0)

0x80209000 Invalid spi_IoCtrl() command

#define ERROR_DDI_SSP_CMD (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x5)

0x80206005 Invalid Command (IOCNTL)

#define ERROR_DDI_SSP_CONFIG (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x3)

0x80206003 Invalid Configuration parameter

#define ERROR_DDI_SSP_CONTROLLER_NOT_PRESENT (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x0)

0x80206000 SSP Controller has been fused out (is not present) in device

#define ERROR_DDI_SSP_DMA_ACTIVE (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x2)

0x80206002 Can not sumbit request until DMA has finished.

#define ERROR_DDI_SSP_DRIVER_GROUP 0x00006000

#define ERROR_DDI_SSP_NULL_PTR (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x4)

0x80206004 NULL Pointer

#define ERROR_DDI_SSP_SCK_INDEX (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x7)

0x80206007 Invalid SCK table index number

#define ERROR_DDI_SSP_UNSUPPORTED (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x6)

0x80206006 IOCNTL Function is known, but not supported

#define ERROR_DDI_SSP_UNSUPPORTED_IN_100_PIN_PKG (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x1)

0x80206001 SSP Request not supported in 100pin package

#define ERROR_ROM 0xFFFFFFFF

#define ERROR_ROM_ATA_DRIVER_GROUP 0x00003000

#define ERROR_ROM_COMMON_DRIVER_GROUP 0x0000B000

#define ERROR_ROM_COMMON_DRIVER_INVALID_CONFIGBLOCK (ERROR_DDI_GROUP | ERROR_ROM_COMMON_DRIVER_

0x8020B002 Not a valid FW Config Block

#define ERROR_ROM_COMMON_DRIVER_INVALID_MBR (ERROR_DDI_GROUP | ERROR_ROM_COMMON_DRIVER_GROUP | 0x

0x8020B001 Not a valid MBR

#define ERROR_ROM_GROUP 0x80500000

The ROM Major group with error bit set.

#define ERROR_ROM_LDR_CHECKSUM (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x7)

0x80501007 Boot command checksum failed.

#define ERROR_ROM_LDR_DCP_STATUS (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x1)

0x80501001 DCP reported a status error.

#define ERROR_ROM_LDR_DCP_TIMEOUT   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x2)

0x80501002 DCP transaction timed out.

#define ERROR_ROM_LDR_ENCRYPTED_ONLY   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x5)

0x80501005 Cannot load unencrypted sb image file.

#define ERROR_ROM_LDR_EOF_REACHED   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x9)

0x80501009 Reached the end of the sb image file.

#define ERROR_ROM_LDR_ID_NOT_FOUND   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xA)

0x8050100A Did not find requested section ID.

#define ERROR_ROM_LDR_JUMP_RETURNED   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xC)

0x8050100C Plugin returned from a jump command.

#define ERROR_ROM_LDR_KEY_NOT_FOUND   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x6)

0x80501006 Key dictionary lookup failed.

#define ERROR_ROM_LDR_PAYLOAD_CRC   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xB)

0x8050100B Load command payload CRC failed.

#define ERROR_ROM_LDR_SECTION_LENGTH   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x4)

0x80501004 A section length is out of range.

#define ERROR_ROM_LDR_SECTION_OVERRUN   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0xD)

0x8050100D Requested data beyond the end of a section.

#define ERROR_ROM_LDR_SIGNATURE   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x3)

0x80501003 The file signature or file version is incorrect.

#define ERROR_ROM_LDR_UNKNOWN_COMMAND   (ERROR_ROM_GROUP | ERROR_ROM_LOADER_GROUP | 0x8)

0x80501008 Unknown boot command.

#define ERROR_ROM_LOADER_GROUP   0x00001000

#define ERROR_ROM_NAND_DMA_BUSY   (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x16)

0x80508016 ERROR_ROM_NAND_DMA_BUSY - The DMA is still running.

#define ERROR_ROM_NAND_DRIVER_DMA_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x8)

0x80508008 NAND DMA timed out.

#define ERROR_ROM_NAND_DRIVER_ERASE_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0D)

0x8050800D The NAND erase operation failed.

#define ERROR_ROM_NAND_DRIVER_FATAL_ERROR (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x5)

0x80508005 Unexpected fatal error in NAND.

#define ERROR_ROM_NAND_DRIVER_GROUP 0x00008000

#define ERROR_ROM_NAND_DRIVER_NAND_INIT_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x

0x80508006 Unable to complete the NAND Initialization.

#define ERROR_ROM_NAND_DRIVER_NCB_HAMMING_DOUBLE_ERROR (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVE

0x80508012 Discovered hamming double bit error.

#define ERROR_ROM_NAND_DRIVER_NCB_INVALID_ECC (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x

0x80508014 invalid/unsupported ecc specified in NCB.

#define ERROR_ROM_NAND_DRIVER_NCB_SYNDROME_TABLE_MISMATCH (ERROR_ROM_GROUP | ERROR_ROM_NAND_DR

0x80508013 syndrome table error for hamming code check.

#define ERROR_ROM_NAND_DRIVER_NCB_TRIPLE_RED_CHK_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER

0x80508011 Triple redundancy check failed for NCB block.

#define ERROR_ROM_NAND_DRIVER_NO_BCB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x1)

0x80508001 Unable to find one of the Boot Control Blocks (NCB or LDLB)

#define ERROR_ROM_NAND_DRIVER_NO_DBBT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x4)

0x80508004 Unable to find Discovered Bad Block Table.

#define ERROR_ROM_NAND_DRIVER_NO_ECC_PRESENT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x

0x80508010 The ECC8 block required is not present on this chip.

#define ERROR_ROM_NAND_DRIVER_NO_GPMI_PRESENT (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0

0x8050800B The GPMI block is not present on this chip.

#define ERROR_ROM_NAND_DRIVER_NO_LDLB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x3)

0x80508003 Unable to find LDLB

#define ERROR_ROM_NAND_DRIVER_NO_NCB (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x2)

0x80508002 Unable to find NCB

#define ERROR_ROM_NAND_DRIVER_NO_READ_IN_PROGRESS (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GRO

0x8050800A Tried to check DMA status but no Read is in progress.

#define ERROR_ROM_NAND_DRIVER_PROGRAM_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x

0x8050800C The NAND program operation failed.

#define ERROR_ROM_NAND_DRIVER_RESET_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x09)

0x80508009 NAND Reset command failed.

#define ERROR_ROM_NAND_DRIVER_SEARCH_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x7)

0x80508007 Search for BCB failed.

#define ERROR_ROM_NAND_ECC_ALL_ONES (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x15)

0x80508015 Block read is erased.

#define ERROR_ROM_NAND_ECC_FAILED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0F)

0x8050800F ECC failed - data is not valid.

#define ERROR_ROM_NAND_ECC_THRESHOLD (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x17)

0x80508017 During the NAND read, the ECC threshold has reached.

#define ERROR_ROM_NAND_LOAD_COMPLETED (ERROR_ROM_GROUP | ERROR_ROM_NAND_DRIVER_GROUP | 0x0E)

0x8050800E Invalid request for more data - the NAND has loaded all known sectors.

#define ERROR_ROM_STARTUP_EFUSE_READY_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x10)

0x80504010 Timed out waiting for eFuse data to load

#define ERROR_ROM_STARTUP_GPIO_BANK_DISABLED (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x14)

0x80504014 A needed GPIO bank has been disabled and ROM cannot proceed.

#define ERROR_ROM_STARTUP_GROUP 0x00004000

The ROM Startup group is 0x00004000.

#define ERROR_ROM_STARTUP_JTAG_DISABLED (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x13)

0x80504013 JTAG has been permanently disabled yet bootmode was JTAG

#define ERROR_ROM_STARTUP_PERSISTENT_BIT_READY_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GR

0x80504009 Timed out trying to read persistent bits

#define ERROR_ROM_STARTUP_TEST_MODES_DISABLED (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x18)

0x80504018 Mfg test modes disabled

#define ERROR_ROM_STARTUP_UNABLE_TO_LOAD_PERSISTENT_WORD (ERROR_ROM_GROUP | ERROR_ROM_STARTUP

0x80504015 Error loading the Persistent Words.

#define ERROR_ROM_STARTUP_UNABLE_TO_SET_PERSISTENT_WORD (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_

0x80504016 Error setting the Persistent Words.

#define ERROR_ROM_STARTUP_UNEXPECTED_CALL_TO_RAM_TEST (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GR

0x80504012 A call to mfg mode ram test detected in startup.c

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_BIST (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GR

0x80504008 Unexpected return to ROM from mfg bist test

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_BURN_IN (ERROR_ROM_GROUP | ERROR_ROM_STARTUP

0x80504005 Unexpected return to ROM startup from mfg burnin code

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_LOADER (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_

0x80504003 Initial 'C' function in loader returned unexpectedly to startup

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_NOR (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GR

0x80504017 Jump to NOR returned to startup

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_RAM_TEST (ERROR_ROM_GROUP | ERROR_ROM_STARTU

0x80504007 Unexpected return to ROM startup from mfg RAM test

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_ROM_CRC (ERROR_ROM_GROUP | ERROR_ROM_STARTU

0x80504006 Unexpected return to ROM startup from mfg CRC test

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_START (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_

0x80504011 Initial 'C' function returned unexpectedly to early reset function

#define ERROR_ROM_STARTUP_UNEXPECTED_RETURN_FROM_TESTER_LOADER   (ERROR_ROM_GROUP | ERROR_ROM_S

0x80504004 Unexpected return to ROM startup from mfg tester/loader

#define ERROR_ROM_STARTUP_UNKNOWN_BOOT_MODE   (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0x1)

0x80504001 An Invalid boot mode was decoded

#define ERROR_ROM_STARTUP_UNSUPPORTED_BOOT_MODE   (ERROR_ROM_GROUP | ERROR_ROM_STARTUP_GROUP | 0

0x80504002 Decoded boot mode is known, but not supported in this ROM

#define ERROR_ROM_USB_CONNECT_TIMEOUT   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x8)

0x80502008

#define ERROR_ROM_USB_DEVICE_NOT_CONFIGURED   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x4)

0x80502004 Error reported by the send/recv if the device is not yet configured

#define ERROR_ROM_USB_DISCONNECTED   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x9)

0x80502009

#define ERROR_ROM_USB_DRIVER_GROUP   0x00002000

#define ERROR_ROM_USB_EP_INIT_FAILED   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x3)

0x80502003 Endpoint init fail (end point already in use)

#define ERROR_ROM_USB_INIT_FAILED   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x5)

0x80502005 Fail to initialize the USB API

#define ERROR_ROM_USB_NO_SERVICE   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x1)

0x80502001 No registered service found

#define ERROR_ROM_USB_NO_TRANSFER_STRUCTURES   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x

0x80502006 Ran out of transfer structures

#define ERROR_ROM_USB_PLL_LOCK_TIMEOUT   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x7)

0x80502007

#define ERROR_ROM_USB_SIZE_TOO_LARGE   (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0x2)

0x80502002 Number of bytes to transfer is too large

#define ERROR_SSP_CHANNEL_INVALID (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x9)

0x80206009 Incorrect channel specified (0,1)

#define ERROR_SSP_DRIVER_DMA_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0x8)

0x80206008 DMA Timed out

#define ERROR_SSP_HW_TIMEOUT (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0xA)

0x8020600A Incorrect channel specified (0,1)

#define ERROR_SSP_INVALID_SCK_FREQ (ERROR_DDI_GROUP | ERROR_DDI_SSP_DRIVER_GROUP | 0xB)

0x8020600B Incorrect channel specified (0,1)

#define ERROR_USB_ARC_RESET_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xA)

0x8050200A

#define ERROR_USB_HARDWARE_NOT_PRESENT (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xB)

0x8050200B

#define ERROR_USB_INSUFFICIENT_MEM_POOL (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xE)

0x8050200E

#define ERROR_USB_RECOVERY_DISABLED (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xD)

0x8050200D

#define ERROR_USB_SUSPEND_WAIT_FOR_LINESTATE_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GR

0x8050200C

#define ERROR_USB_WAIT_FOR_LINESTATE_TIMEOUT (ERROR_ROM_GROUP | ERROR_ROM_USB_DRIVER_GROUP | 0xF)

0x8050200F

#define ROM_BOOT_IMAGE_ID 2

#define ROM_BOOT_SECTION_ID 1

Plugin return codes.

#define ROM_GROUP 0x00500000

The ROM Major group is 5.

#define SUCCESS   0

Generic return codes.

Typedef Documentation

typedef int RtStatus_t

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