

TRM240/AT-commands-documentation



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General AT Commands

The command delivers a product information text.

[2.1 ATI Display Product Identification Information - page 12](#)

AT+CGMI

The command returns a manufacturer identification text. See also AT+CGMI.

[2.2 AT+GMI Request Manufacturer Identification - page 12](#)

AT+CGMM

The command returns a product model identification text. It is identical with AT+CGMM.

[2.3 AT+GMM Request TA Model Identification - page 12](#)

AT+CGMR

The command delivers a product firmware version identification text. It is identical with AT+CGMR.

[2.4 AT+GMR Request TA Revision Identification of Software Release - page 14](#)

The command returns a manufacturer identification text. See also AT+GMI.

[2.5 AT+CGMI Request Manufacturer Identification - page 14](#)

The command returns a product model identification text. It is identical with AT+GMM.

[2.6 AT+CGMM Request Model Identification - page 15](#)

The command delivers a product firmware version identification text. It is identical with AT+GMR.

[2.7 AT+CGMR Request TA Revision Identification of Software Release - page 15](#)

The command returns the International Mobile Equipment Identity (IMEI) number of ME. It is identical with AT+CGSN.

[2.8 AT+GSN Request International Mobile Equipment Identity \(IMEI\) - page 16](#)

The command returns International Mobile Equipment Identity (IMEI) number of ME. It is identical with AT+GSN.

[2.9 AT+CGSN Request Product Serial Number Identification - page 17](#)

The command resets AT command settings to their factory default values.

[2.10. AT&F Set all Current Parameters to Manufacturer Defaults - page 17](#)

The command displays the current settings of several AT command parameters, including the single-letter AT command parameters which are not readable otherwise.

[2.11 AT&V Display Current Configuration - page 18](#)

The command stores the current AT command settings to a user defined profile in non-volatile memory.

[2.12 AT&W Store Current Parameters to User Defined Profile - page 19](#)

The command restores the current AT command settings to the user defined profile in non-volatile memory, if one was stored with AT&W before. Any additional AT command on the same command line may be ignored.

[2.13 ATZ Set all Current Parameters to User Defined Profile - page 19](#)

The command controls whether the result code is transmitted to the TE. Other information text transmitted as response is not affected.

[2.14 ATQ Set Result Code Presentation Mode - page 20](#)

The command determines the contents of header and trailer transmitted with AT command result codes and information responses.

The result codes, their numeric equivalents and brief descriptions of the use of each are listed in the following table.

[2.15 ATV TA Response Format - page 20](#)

The command controls whether or not the module echoes characters received from TE during AT command mode.

[2.16 ATE Set Command Echo Mode - page 22](#)

The command repeats previous AT command line, and “/” acts as the line terminating character.

[2.17 A/ Repeat Previous Command Line - page 22](#)

The command determines the character recognized by the module to terminate an incoming command line. It is also generated for result codes and information text, along with character value set via ATS4

[2.18 ATS3 Set Command Line Termination Character - page 23](#)

The command determines the character generated by the module for result code and information text, along with the command line termination character set via ATS3.

[2.19 ATS4 Set Response Formatting Character - page 24](#)

The command determines the character value used by the module to delete the immediately preceding character from the AT command line (i.e. equates to backspace key).

[2.20 ATS5 Set Command Line Editing Character - page 24](#)

The command determines whether or not the module transmits particular result codes to the TE. It also controls whether or not the module verifies the presence of a dial tone when it begins dialing, and whether or not engaged tone (busy signal) detection is enabled.

[2.21 ATX Set CONNECT Result Code Format and Monitor Call Progress - page 25](#)

The command controls the functionality level. It can also be used to reset the UE.

[2.22 AT+CFUN Set Phone Functionality - page 26](#)

The command controls the format of error result codes: ERROR, error numbers or verbose messages as +CME ERROR: <err> and +CMS ERROR: <err>.

[2.23 AT+CMEE Error Message Format - page 27](#)

The Write Command informs the module which character set is used by the TE. This enables the UE to convert character strings correctly between TE and UE character sets.

[2.24 AT+CSCS Select TE Character Set - page 28](#)

The command is used to configure the output port of URC.

[2.25 AT+QURCCFG Configure URC Indication Option - page 29](#)