



SLOVENSKI STANDARD
SIST ETS 300 641 E1:2003

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8 [[]HJb]`W] b]`hY`ca i b]_UW`g_]`g]ghYa `fZuU&L`3`E`GdYWZ_UW`U' `J!bY[U
j a Ygb]_UbUfc b]y_U]XYbhZ_UW`g_U_UhWU!`a cV]`bUcdfYa UfG-A!A9Lfi, GA
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Digital cellular telecommunications system (Phase 2) (GSM); Specification of the 3 Volt Subscriber Identity Module - Mobile Equipment (SIM - ME) interface (GSM 11.12)

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ICS:

33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
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**Digital cellular telecommunications system (Phase 2);
Specification of the 3 Volt Subscriber Identity Module -
Mobile Equipment (SIM - ME) interface
(GSM 11.12)**

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Special Mobile Group (SMG) Technical Committee (TC) of the European Telecommunications Standards Institute (ETSI).

This ETS defines the aspects of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface which are based on 3V technology to be used in the Mobile Station (MS) within the digital cellular telecommunications system (Phase 2).

This ETS corresponds to GSM technical specification GSM 11.12 version 4.1.2.

Transposition dates	
Date of adoption	4 October 1996
Date of latest announcement of this ETS (doa):	31 March 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 September 1997
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1 Scope

This European Telecommunication Standard (ETS) defines the aspects of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface which are based on 3V technology to be used in the Mobile Station (MS). It specifies the electrical and logical requirements necessary for the operation of the 3V SIM - ME interface where it differs from GSM 11.11 (ETS 300 608) [1]. For all aspects of the SIM - ME interface which are not covered by this ETS, GSM 11.11 (ETS 300 608) [1] applies.

2 Normative references

This ETS incorporates by dated and non-dated reference, provisions from other publications. This normative reference is cited at the appropriate places in the text and the publication is listed hereafter. The latest edition of the publication referred to applies.

- [1] GSM 11.11 (ETS 300 608): "Digital cellular telecommunications system (Phase 2); Specification of the Subscriber Identity Module - Mobile Equipment (SIM - ME) interface".

3 Definitions, abbreviations and symbols

3.1 Definitions

For the purposes of this ETS, the following definitions apply:

3V technology SIM: A SIM operating at $3V \pm 10\%$ and $5V \pm 10\%$.

3V technology ME: An ME operating the SIM - ME interface at $3V \pm 10\%$ according to this ETS and $5V \pm 10\%$ according to GSM 11.11 (ETS 300 608) [1].

3V only ME: An ME only operating the SIM - ME interface at $3V \pm 10\%$ according to this ETS.

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3.2 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

ATR	Answer To Reset
CLK	Clock
IC	Integrated Circuit
I/O	Input/Output
ME	Mobile Equipment
MS	Mobile Station
RST	Reset
SIM	Subscriber Identity Module

3.3 Symbols

For the purposes of this ETS, the following symbols apply:

t_F	fall time
t_R	rise time
V_{CC}	supply voltage
V_{PP}	programming voltage
V_{IH}	Input Voltage (high)
V_{IL}	Input Voltage (low)
V_{OH}	Output Voltage (high)
V_{OL}	Output Voltage (low)