

HITACHI MICROCOMPUTER TECHNICAL UPDATE

DATE	19 December 2001	No.	TN-SH7-388A/E
THEME	Change of the specification of internal power supply voltage.		
CLASSIFICATION	<input checked="" type="checkbox"/> Spec change <input type="checkbox"/> Limitation on Use <input type="checkbox"/> Supplement of Documents		
PRODUCTNAME	HD6417751VF133	Lot No.etc.	All
REFERENCE DOCUMENTS	HD6417751 Hardware manual	Rev.	EffectiveDate eternity
		Rev.1.0-2.0	From

1. Abstract

The specification of internal power supply voltage is changed.

2. New specification

The specification of internal power supply voltage is changed as the following table.

In the table, VDD and VDD-PLL1/2 are changed from “1.35 - 1.65V” to “1.4 - 1.6V”.

Table.1 DC Characteristics(Ta=-20 to +75°C)

Item	Symbol	Min	Typ	Max	Unit	Test Conditions
Power supply voltage	VDDQ	3.0	3.3	3.6	V	Normal mode, sleep mode, standby mode
	VDD-CPG					
	VDD-RTC					
	VDD VDD-PLL1/2	1.4	1.5	1.6	V	Normal mode, sleep mode, standby mode