

IBM 5x86C 3.3V Microprocessor QFP Addendum



Application Note

Revision Summary: This is the initial release of this application note.

This application note contains the technical information for operating the IBM 5x86C microprocessor at 3.3V.

DC Characteristics

Parameter	MIN	MAX	Units	Notes
V _{CC} Supply Voltage	3.15	3.5	V	
I _{CC} Active I _{CC} 5x86C-100 at f _{CLK} =100MHz	0.8 TYP	1.1	A	Note 1

Notes:

1. fCLK rates refer to internal clock frequency

AC Characteristics

The AC specifications are the same as the 3.45V part numbers.

Thermal Characteristics for QFP package at 3.3V

QFP Package Maximum Ambient Temperature
(without Heatsink)

CPU INTERNAL CLOCK FREQUENCY	AIRFLOW (LFP)	AMBIENT TEMPERATURE (C)
100MHz	0	25
	50	34
	100	38
	200	43

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