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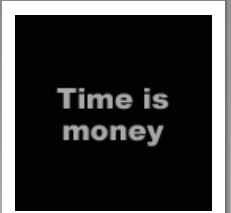
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Category:

Generic Part: 960001

Market Group: PC CLOCK

Description: PC SPECIAL PURPOSE
The ICS960001 is the single chip clock solution designed for Ricoh printers application. It provides all necessary clock signals for such a system. Spread spectrum may be enabled through I2C programming. Spread spectrum typically reduces system EMI by 8dB to 10dB. This simplifies EMI qualification without resorting to board design iterations or costly shielding. The ICS960001 employs a proprietary closed loop design, which tightly controls the percentage of spreading over process and temperature variations. Serial programming I2C interface allows changing functions, stop clock programming and frequency selection. The SD_SEL latched input allows the SDRAM frequency to follow the CPUCLK frequency(SD_SEL=1) or other clock frequencies (SD_SEL=0)

Parameters

Package	SSOP 48 (PVG48)
Speed	NA
Temperature	C
Voltage	3.3 V
Status	Active
Sample	No
Minimum Order Quantity	1000
Factory Order Increment	1000

Distributor Inventory

No Pricing information is available from our Distributors at this time.

Documents

Type	Title	Size	Revision Date
Misc	PC Clocks Contact Info	61 KB	05/29/2007

Package

Description	SSOP 300 MIL, 48LD
Class	PLASTIC
Moisture Sensitivity Level (MSL)	1
Category	Green
Moisture Exposure Floor Life	Unlimited @ <30°C/85% RH
Peak Reflow Temprature	260°C
Rebake Conditions	N/A
Length	15.9
Mark	PVG
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active