



**THE DATASHEET OF
ICS960006AFLFT**



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960006AFLFT

Category:
Generic Part: 960006

Market Group: PC CLOCK

Description: PC SPECIAL PURPOSE

The ICS960006 is the single chip clock solution for Desktop/Notebook designs using the SIS style chipset. 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 ICS960006 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 Temperature	260°C
Rebake Conditions	NA
Length	15.9
Mark	PVG
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active

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