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Search Entire Site



Contact IDT | Investors | Press

About IDT

Products

Applications

Support

myIDT

Document Search | Package Search | Parametric Search | Cross Reference Search | Green & RoHS | Calculators | Thermal Data | Reliability & Quality | Military

Home > Products > > 960001 > 960001AF

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## 960001AF

### 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)

Time is money

### Parameters

|                         |                |
|-------------------------|----------------|
| Package                 | SSOP 48 (PV48) |
| Speed                   | NA             |
| Temperature             | C              |
| Voltage                 | 3.3 V          |
| Status                  | Active         |
| Sample                  | Yes            |
| Minimum Order Quantity  | 120            |
| Factory Order Increment | 30             |

### 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                         | Standard                 |
| Moisture Exposure Floor Life     | Unlimited @ <30°C/85% RH |
| Peak Reflow Temperature          | 225°C                    |
| Rebake Conditions                | NA                       |
| Length                           | 15.9                     |
| Mark                             | F                        |
| Width                            | 7.5                      |
| Pitch                            | 0.64                     |
| Thickness                        | 2.3                      |
| Status                           | Active                   |

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