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94230BF

Category:

Generic Part: 94230

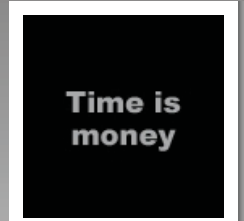
Market Group: PC CLOCK

Description: PC MAIN CLOCK

General Description The ICS94230 is a main clock synthesizer chip for AMD-K7 based systems with VIA KT266 style chipset. This provides all clocks required for such a system. The ICS94230 belongs to ICS new generation of programmable system clock generators. It employs serial programming I2C interface as a vehicle for changing output functions, changing output frequency, configuring output strength, configuring output to output skew, changing spread spectrum amount, changing group divider ratio and dis/enabling individual clocks. This device also has ICS propriety 'Watchdog Timer' technology which will reset the frequency to a safe setting if the system become unstable from over clocking.

Output Features:

- 1 - Differential pair open drain CPU clocks
- 1 - Differential pair push-pull CPU clocks @ 2.5V
- 11 - PCI including 1 free running and 1 early @ 3.3V
- 1 - 48MHz @ 3.3V fixed
- 1 - 24/48MHz @ 3.3V
- 3 - REF @ 3.3V, 14.318MHz.



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 |