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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 Temprature	225°C
Rebake Conditions	N/A
Length	15.9
Mark	F
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active