



**THE DATASHEET OF
ICS954103EF**



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954103EF

Category: Desktop Chipsets

Generic Part: 954103

Market Group: PC CLOCK

Description: PC MAIN CLOCK

ICS954103 is an Intel CK410-generation programmable clock synthesizer. It provides a single chip solution for next generation P4 Intel processors and Intel chipsets. ICS954103 is driven with a 14.318MHz crystal. It generates CPU outputs up to 400MHz and provides highly accurate clocks for Serial ATA and PCI-Express support. Programmability allows for flexible clocking schemes to maximize system performance.

Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 6 - 0.7V current-mode differential SRC pairs for SATA and PCI-Express
- 1 - 0.7V current-mode differential CPU_ITP/SRC selectable pair
- 5 - PCI Clocks (33 MHz)
- 3 - PCI Free Running Clocks (33 MHz)
- 1 - USB Clock (48 MHz)
- 1 - 0.7V current-mode differential DOT clock pair (96 MHz)
- 1 - 14.31818 MHz Reference Clock



Parameters

Package	SSOP 56 (PV56)
Voltage	3.3 V
Package	SSOP 56
Speed	NA
Temperature	C
Status	Active
Sample	Yes
Minimum Order Quantity	130
Factory Order Increment	26

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, 56LD
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	18.4
Mark	F
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active

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