

Home > Products > Clock / Timing Devices > PC-Notebook-Server Clocks > Clock Synthesizer by Chipset Vendor > Desktop Chipsets > 954103 > 954103EF

[Add to myIDT \[?\]](#)

You may also like...

## 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