



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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