

[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 |