

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

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

You may also like...

## 954103EFLNT

**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 (PVG56) |
| Voltage                 | 3.3 V           |
| Package                 | SSOP 56         |
| Speed                   | NA              |
| Temperature             | C               |
| Status                  | Active          |
| Sample                  | No              |
| Minimum Order Quantity  | 1000            |
| Factory Order Increment | 1000            |

### 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                         | Green                    |
| Moisture Exposure Floor Life     | Unlimited @ <30°C/85% RH |
| Peak Reflow Temperature          | 260°C                    |
| Rebake Conditions                | NA                       |
| Length                           | 18.4                     |
| Mark                             | G                        |
| Width                            | 7.5                      |
| Pitch                            | 0.64                     |
| Thickness                        | 2.3                      |
| Status                           | Active                   |