



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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954511BFT

Category: Desktop Chipsets

Generic Part: 954511

Market Group: PC CLOCK

Description: PC MAIN CLOCK

The ICS954511 is a single-chip Enhanced CK410-generation programmable clock synthesizer for Intel 915x/925x and newer chipsets. The ICS954511 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 (96MHz)
- 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 | 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 | 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 |