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954305EKL

Category: Desktop Chipsets

Generic Part: 954305

Market Group: PC CLOCK

Description: PC MAIN CLOCK

The ICS954305 is a CK410M+ Yellow Cover clock synthesizer. The ICS954305 provides a single-chip solution for mobile systems built with Intel P4-M processors and Intel mobile chipsets. The ICS954305 is driven with a 14.318MHz crystal and generates CPU outputs up to 400MHz.

Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 9 - 0.7V current-mode differential SRC pair for SATA and PCI Express*
- 1 - 0.7V current-mode differential CPU/SRC selectable pair
- 4 - PCI (33MHz)
- 1 - PCICLK_F, (33MHz) free-running
- 1 - USB, 48MHz
- 1 - DOT, 96MHz, 0.7V current differential pair
- 2 - REF, double-strength 14.318MHz
- 1 - 0.7V current-mode differential LCD spread/SRC selectable clock
- 1 - 100MHz/96MHz selectable LCD spread clock



Parameters

| | |
|-------------------------|-------------------|
| Package | VFQFPN 72 (NPG72) |
| Voltage | 3.3 V |
| Package | VFQFPN 72 |
| Speed | NA |
| Temperature | C |
| Status | Active |
| Sample | Yes |
| Minimum Order Quantity | 120 |
| Factory Order Increment | 30 |

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 |
| Product Change Notice | PCN# : A0701-02 Punch Singulation as Alternate Assembly Process for 10mm x 10mm VFQFP-N-72 | 514 KB | 01/30/2007 |
| | PCN# : A0701-02R1 Punch Singulation as Alternate Assembly Process for 10mm x 10mm VFQFP-N-72 and transfer Test facility from IDT Singapore to IDT Penang | 453 KB | 04/24/2007 |

Package

| | |
|-------------|-------------------------------------|
| Description | VFQFP-N 10.0 X 10.0 X 0.9MM- NO LEA |
| Class | PLASTIC |
| Length | 10.0 |
| Mark | NLG |
| Width | 10.0 |
| Pitch | 0.5 |
| Thickness | 1.0 |
| Status | Active |