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## 954305EKLFT

**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                  | No                |
| Minimum Order Quantity  | 500               |
| Factory Order Increment | 500               |

### 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                              |