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## 954305DKLFT

**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 (NLG72)
Voltage	3.3 V
Package	VFQFPN 72
Speed	NA
Temperature	C
Status	Active
Sample	No
Minimum Order Quantity	2500
Factory Order Increment	2500

### 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 0.9 MM - NO LEAD
Class	PLASTIC
Moisture Sensitivity Level (MSL)	3
Category	Green
Moisture Exposure Floor Life	168 hrs. @ <30°C/60%RH
Peak Reflow Temperature	260°C
Rebake Conditions	48 hrs.@125°C
Length	10.0
Mark	K
Width	10.0
Pitch	0.5
Thickness	1.0
Status	Active