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[Integrated Device Technology \(IDT\)](#)
[ICS954306BGT](#)

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954306BGT

Category: Desktop Chipsets

Generic Part: 954306

Market Group: PC CLOCK

Description: PC MAIN CLOCK

ICS954306 is a CK410M+ clock synthesizer. ICS954306 provides a single-chip solution for mobile systems built with Intel P4- M processors and Intel mobile chipsets. ICS954306 is driven with a 14.318MHz crystal and generates CPU outputs up to 400MHz. It provides the tight ppm accuracy required by Serial ATA and SRC.

Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 1 - 0.7V current-mode differential CPU/CLKREQ# selectable pair
- 7 - 0.7V current-mode differential SRC pairs
- 1 - 0.7V current-mode differential SATA/SRC selectable pairs
- 1 - 0.7V current-mode differential SATA pair
- 1 - 0.7V current-mode differential LCDCLK/SRC selectable pair
- 5 - PCI (33MHz)
- 1 - PCICLK_F, (33MHz) free-running
- 1 - USB, 48MHz
- 1 - DOT, 96MHz, 0.7V current differential pair & 1 - REF, 14.318MHz & 1 - REF/PCI selectable output



Parameters

Package	TSSOP 64 (PA64)
Voltage	3.3 V
Package	TSSOP 64
Speed	NA
Temperature	C
Status	Active
Sample	No
Minimum Order Quantity	2000
Factory Order Increment	2000

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#: TB-0510-05 New Shipping Tube for TSSOP/TVSOP/TSSOP Exposed	202 KB	12/13/2005

Package

Description	TSSOP 6.10 MM
Class	PLASTIC
Moisture Sensitivity Level (MSL)	1
Category	Standard
Moisture Exposure Floor Life	Unlimited @ <30°C/85% RH
Peak Reflow Temperature	240°C
Rebake Conditions	N/A
Length	17.0
Mark	G
Width	6.1
Pitch	0.5
Thickness	1.0
Status	Active