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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 TSSOPTV/SOP/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