



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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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