



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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## 954135AFT

**Category:** Desktop Chipsets

**Generic Part:** 954135

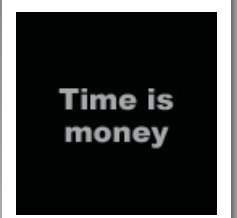
**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK

ICS954135 provides Intel CK410 compliant clocking. This clock synthesizer provides a single chip solution for next generation Intel chipsets. ICS954135 is driven with a 14.318MHz crystal. It generates CPU outputs up to 400MHz, while providing highly accurate Serial ATA and PCI-Express clocks.

### Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 4 - 0.7V current-mode differential SRC pairs for SATA and PCI-Express
- 1 - 0.7V current-mode differential CPU\_ITP/SRC selectable pair
- 4 - PCI Clocks (33 MHz)
- 2 - PCI Free Running Clocks (33 MHz)
- 2 - USB Clocks (48 MHz)
- 1 - 0.7V current-mode differential DOT clock pair (96 MHz)
- 2 - 14.31818 MHz Reference Clocks



### Parameters

|                         |                |
|-------------------------|----------------|
| Package                 | SSOP 48 (PV48) |
| Voltage                 | 3.3 V          |
| Package                 | SSOP 48        |
| Speed                   | NA             |
| Temperature             | C              |
| Status                  | Active         |
| Sample                  | No             |
| Minimum Order Quantity  | 1000           |
| Factory Order Increment | 1000           |

### 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    |

### Package

|                                  |                          |
|----------------------------------|--------------------------|
| Description                      | SSOP 300 MIL, 48LD       |
| Class                            | PLASTIC                  |
| Moisture Sensitivity Level (MSL) | 1                        |
| Category                         | Standard                 |
| Moisture Exposure Floor Life     | Unlimited @ <30°C/85% RH |
| Peak Reflow Temperature          | 225°C                    |
| Rebake Conditions                | NA                       |
| Length                           | 15.9                     |
| Mark                             | F                        |
| Width                            | 7.5                      |
| Pitch                            | 0.64                     |
| Thickness                        | 2.3                      |
| Status                           | Active                   |