



**THE DATASHEET OF  
ICS954127BF**



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## 954127BF

**Category:** Desktop Chipsets

**Generic Part:** 954127

**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK

ICS954127 follows the Intel CK410-compliant clock specification. This clock synthesizer provides a single chip solution for next generation P4 Intel processors and Intel chipsets. ICS954127 is driven with a 14.318MHz crystal. It generates CPU outputs up to 400MHz.

**Output Features:**

- 2 - 0.7V current-mode differential CPU pairs
- 1 - 0.7V current mode differential SRC pair
- 1 - 0.7V current mode differential DOT 96MHz pair
- 6 - PCI (33MHz), 2 free-running
- 1 - USB, 48MHz
- 1 - REF, 14.318MHz
- 7 - PCI-Express 0.7V current differential pairs



### Parameters

|                         |                |
|-------------------------|----------------|
| Package                 | SSOP 56 (PV56) |
| Voltage                 | 3.3 V          |
| Package                 | SSOP 56        |
| Speed                   | NA             |
| Temperature             | C              |
| Status                  | Active         |
| Sample                  | Yes            |
| Minimum Order Quantity  | 104            |
| Factory Order Increment | 26             |

### 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, 56LD       |
| 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                           | 18.4                     |
| Mark                             | F                        |
| Width                            | 7.5                      |
| Pitch                            | 0.64                     |
| Thickness                        | 2.3                      |
| Status                           | Active                   |

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