



**THE DATASHEET OF  
ICS954511BFLFT**



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## 954511BFLFT

**Category:** Desktop Chipsets

**Generic Part:** 954511

**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK

The ICS954511 is a single-chip Enhanced CK410-generation programmable clock synthesizer for Intel 915x/925x and newer chipsets. The ICS954511 is driven with a 14.318MHz crystal. It generates CPU outputs up to 400MHz and provides highly accurate clocks for Serial ATA and PCI-Express support. Programmability allows for flexible clocking schemes to maximize system performance.

### Output Features:

- 2 - 0.7V current-mode differential CPU pairs
- 6 - 0.7V current-mode differential SRC pairs for SATA and PCI-Express
- 1 - 0.7V current-mode differential CPU\_ITP/SRC selectable pair
- 5 - PCI Clocks (33 MHz)
- 3 - PCI Free Running Clocks (33 MHz)
- 1 - USB Clock (48 MHz)
- 1 - 0.7V current-mode differential DOT clock pair (96MHz)
- 1 - 14.31818 MHz Reference Clock



### Parameters

Package	SSOP 56 (PVG56)
Voltage	3.3 V
Package	SSOP 56
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, 56LD
Class	PLASTIC
Moisture Sensitivity Level (MSL)	1
Category	Green
Moisture Exposure Floor Life	Unlimited @ <30°C/85% RH
Peak Reflow Temperature	260°C
Rebake Conditions	N/A
Length	18.4
Mark	G
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active

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