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[Integrated Device Technology \(IDT\)](#)
[ICS954511BFLF](#)

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954511BFLF

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	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	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