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[Integrated Device Technology \(IDT\)](#)  
[ICS953202BFT](#)

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## 953202BFT

**Category:** Desktop Chipsets

**Generic Part:** 953202

**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK

The ICS953202 is part of a whole new line of ICS clock generators and buffers called TCH<sub>2</sub> (Timing Control Hub). This part incorporates ICS's newest clock technology which offers more robust features and functionality. Employing the use of a serially programmable I2C interface, this device can adjust the output clocks by configuring the frequency setting, the output divider ratios, selecting the ideal spread percentage, the output skew, the output strength, and enabling/disabling each individual output clock. MN control can configure output frequency with resolution up to 0.1MHz increment.

**Output Features:**

- 2 - Differential pair push-pull CPU clocks @ 3.3V
- 6 - PCI-Ex differential pairs
- 7 - PCICLK @ 3.3V
- 3 - AGPCLK @ 3.3V
- 1 - 48MHz @ 3.3V fixed.
- 1 - 24/48MHz @ 3.3V
- 2 - REF @ 3.3V, 14.318MHz



### Parameters

Package	SSOP 56 (PV56)
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	Standard
Moisture Exposure Floor Life	Unlimited @ <30°C/85% RH
Peak Reflow Temperature	225°C
Rebake Conditions	N/A
Length	18.4
Mark	F
Width	7.5
Pitch	0.64
Thickness	2.3
Status	Active