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Integrated Device Technology (IDT) 9FG1902AKLFT

For any questions, you can email us directly: <a href="mailto:sales@integrated-circuit.com">sales@integrated-circuit.com</a>



# Distributor of Integrated Device Technology (IDT): Excellent Integrated System Limited

Datasheet of 9FG1902AKLFT - IC FREQUENCY GENERATOR 72-VFQFPN

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#### 9FG1902AKLFT

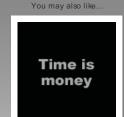
Category:

Generic Part: 9FG1902 Market Group: PC CLOCK Description:

PCIE BUFFER

 ${\sf CPU\; Host\; Bus, PCI\; Express\; and\; Fully-Buffered\; DIMM\; clocking.\; The\; ICS9FG1902\; follows\; the\; Intel\; DB1900G\; and\; Colored C$ Differential Buffer Specification, except for the power up default state. This buffer provides 19 output clocks for CPU Host Bus, PCI-Express, or Fully Buffered DIMM applications. The outputs are configured with two groups. Both groups (DIF 16:0) and (DIF 18:17) can be equal to or have a gear ratio to the input clock. The ICS9FG1902 power up default differs from the ICS9FG1901. The ICS9FG1902 powers up with DIF(16:0) at 1/2 the input frequency, when FS\_A\_410 = 0 (input frequency > = 200 MHz). A differential CPU clock from a CK410 or CK410B main clock generator, such as the ICS954101 or ICS932S401, drives the ICS9FG1902. The ICS9FG1902 can

provide outputs up to 400MHz.



#### **Parameters**

Package	VFQFPN 72 (NLG72)
Speed	NA
Temperature	С
Voltage	3.3 V
Status	Active
Sample	No
Minimum Order Quantity	500
Factory Order Increment	500

## Package

Description	VFQFP-N 10.0 X 10.0 X 0.9 MM - NO LEAD
Class	PLASTIC
Moisture Sensitivity Level (MSL)	3
Category	Green
Moisture Exposure Floor Life	168 hrs. @ <30°C/60%RH
Peak Reflow Temprature	260°C
Rebake Conditions	48 hrs.@125°C
Length	10.0
Mark	K
Width	10.0
Pitch	0.5
Thickness	1.0
Status	Active

### **Distributor Inventory**

No Pricing information is available from our Distributors at this time.

# **Documents**

Туре	Title	SIZE	Revision Date
Misc	PC Clocks Contact Info	61 KB	05/29/2007
Product Change Notice	PCN# : A0701-02 Punch Singulation as Alternate Assembly Process for $10\text{mm}\text{x}$ $10\text{mm}\text{V}\text{FQFP-N-}72$	514 KB	01/30/2007
	PCN# : A0701-02R1 Punch Singulation as Alternate Assembly Process for 10mm x 10mm VFQFP-N-72 and transfer Test facility from IDT Singapore to IDT Penang	453 KB	04/24/2007