



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 9FG1902AKLF

**Category:**
**Generic Part:** 9FG1902

**Market Group:** PC CLOCK

**Description:** PCIE BUFFER

CPU Host Bus, PCI Express and Fully-Buffered DIMM clocking. The ICS9FG1902 follows the Intel DB1900G 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	C
Voltage	3.3 V
Status	Active
Sample	Yes
Minimum Order Quantity	168
Factory Order Increment	168

### 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
Product Change Notice	PCN# : A0701-02 Punch Singulation as Alternate Assembly Process for 10mm x 10mm VFQFP-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

### 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 Temperature	260°C
Rebake Conditions	48 hrs.@125°C
Length	10.0
Mark	K
Width	10.0
Pitch	0.5
Thickness	1.0
Status	Active