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## 9LPRS478CKLFT

**Category:** Desktop Chipsets

**Generic Part:** 9LPRS478

**Market Group:** PC CLOCK

**Description:** PC MAIN CLOCK  
The ICS9LPRS478 is a main clock synthesizer chip that provides all clocks required for ATI RS7xx-based systems using AMD processors. An SMBus interface allows full control of the device.

**Output Features:**

- 2 - Greyhound compatible K8 CPU pair
- 6 - low-power differential SRC pairs
- 2 - low-power differential SouthBridge SRC pairs
- 4 - low-power differential ATIG pairs
- 1 - Selectable low-power differential 100MHz nonspread SATA/ SRC output
- 1 - Selectable 100MHz low-power differential/ 66 MHz single-ended HTT clock
- 2 - 48MHz USB clock
- 3 - 14.318MHz Reference clock

### Parameters

Temperature	C
Voltage	1.8 V
Package	VFQFPN 72
Speed	NA
Status	Active
Sample	Yes
Minimum Order Quantity	500
Factory Order Increment	500

### 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# : A0709-02(R1) Copper Bond Wire for 10mm x 10mm VFQFP-N-72 (Green Package)	279 KB	01/21/2008

### Package

Package	VFQFPN 72 (NPG72)
Description	VFQFP-N 10.0 X 10.0 X 0.9MM- NO LEA
Status	Active
Class	PLASTIC
Category	Green
Pb (Lead) Free	Yes
Mark	K
Package Type	VFQFPN
Lead Count	72
Length	10.0 mm
Width	10.0 mm
Thickness	1.0 mm
Pitch	0.5 mm
Tube / Tray	TRAY
Quantity per Tube/Tray	168
Quantity per Reel	500
Moisture Sensitivity Level (MSL)	3
Moisture Exposure Floor Life	168hrs@<30C/60%RH
Peak Reflow Temperature	260Å°C
Rebake Conditions	48hrs@125C
Related Package Documents	<a href="#">view documents</a>