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Status: **Active**

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9LPRS471

Programmable System Clock Chip for ATI RS790 - K8 based Systems

The IDT9LPRS471 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.

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

Product Specification

CHIPSET MANUFACTURER	CHIPSET NAME	CLOCK SPEC.	CORE VOLTAGE (V)	INPUT FREQ (MHZ)	OUTPUTS (#)	PLATFORM NAME	POWER TYP (MW)	SPREAD SPECTRUM	XTAL FREQ (KHZ)
ATI, AMD	RS790		3.3	14.320000	21			Yes	14.320000

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
9LPRS471CKLF	Active	NLG64	VFQFPN	64	C	Y	Check Inventory
9LPRS471CKLFT	Active	NLG64	VFQFPN	64	C	Y	Check Inventory

Documents

	TITLE	TYPE▲	FORMAT	FILE SIZE	DATE
	PC Clocks Contact Info	Misc	PDF	62 KB	05/29/2007
	PCN# W1002-01(R4)	Product Change Notice	PDF	377 KB	10/05/2010
	PCN# : TB0909-03 CHANGED OF MOISTURE BARRIER BAG FOR TAPE & REEL PACKING	Product Change Notice	PDF	1.11 MB	10/05/2009
	PCN# : A1105-04 ADD CRM1076WA AS AN ALTERNATE DIE ATTACH EPOXY	Product Change Notice	PDF	84 KB	10/25/2011
	PCN# : A0902-03 PCN TO CONVERT VFQFPN-64 TO SMALLER EXPOSED PAD	Product Change Notice	PDF	345 KB	02/23/2009
	PCN# : A0808-02 ALTERNATE ASSEMBLY LOCATION FOR VFQFP-N-64 AND VFQFP-N-72	Product Change Notice	PDF	128 KB	08/27/2008
	PCN# : A0808-02R2 ALTERNATE ASSEMBLY LOCATION FOR VFQFP-N-64 AND VFQFP-N-72	Product Change Notice	PDF	2.21 MB	08/26/2010
	PCN# : A0903-04 Chipmos Taiwan & Carsem Malaysia as Alternate Assembly Site for Copper Wire Proces	Product Change Notice	PDF	103 KB	05/12/2009
	PDN# : K-10-05 PRODUCT DISCONTINUANCE NOTICE ON SELECTIVE PC CLOCK DEVICES	Product Delete Notice	PDF	69 KB	03/04/2010

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