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Status: **Active**

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9LPRS478

Programmable System Clock Chip for ATI RS790 - K8 based Systems

The IDT9LPRS478 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 clock2 - 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
9LPRS478CKLF	Active	NLG72	VFQFPN	72	C	Y	Check Inventory
9LPRS478CKLFT	Active	NLG72	VFQFPN	72	C	Y	Check Inventory

Documents

	TITLE	TYPE▲	FORMAT	FILE SIZE	DATE
	PC Clocks Contact Info	Misc	PDF	62 KB	05/29/2007
	PCN# : A0709-02(R1) COPPER BOND WIRE FOR 10MM X 10MM VFQFP-N-72 (GREEN PACKAGE)	Product Change Notice	PDF	279 KB	01/21/2008
	PCN# : TB0807-01 Reel Quantity Change on VFQFP-N-68, VFQFP-N-72	Product Change Notice	PDF	57 KB	07/10/2008
	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-10-18 PRODUCT DISCONTINUANCE NOTICE FOR SELECTIVE PC CLOCK DEVICES	Product Delete Notice	PDF	159 KB	07/19/2010
	PDN# : K-10-18R1 PRODUCT DISCONTINUANCE NOTICE FOR SELECTIVE PC CLOCK DEVICES	Product Delete Notice	PDF	160 KB	12/02/2010
	PDN# : K-10-18R3 PRODUCT DISCONTINUANCE NOTICE FOR SELECTIVE PC CLOCK DEVICES	Product Delete Notice	PDF	161 KB	06/23/2011

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