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Status: **Active**

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954129

Programmable Timing Control Hub™ for Next Gen P4™ processor

IDT954129 follows Intel CK410 Yellow Cover specification. This clock synthesizer provides a single chip solution for next generation P4 Intel processors and Intel chipsets. IDT954129 is driven with a 14.318MHz crystal. It generates CPU outputs up to 400MHz.

Features

- 2 - 0.7V current-mode differential CPU pairs
- 1 - 0.7V current-mode differential CPU/PCI-Ex selectable
- pair1 - 0.7V current-mode differential SRC pair
- 4 - PCI (33MHz)
- 3 - PCICLK_F, (33MHz) free-running
- 1 - USB, 48MHz
- 1 - 24/48 MHz
- 1 - DOT, 96MHz, 0.7V current differential pair
- 1 - REF, 14.318MHz
- 5 - PCI-Express 0.7V current differential pairs

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)
Intel	915, 945	CK410	3.3	14.318000 - 400.000000	20			Yes	14.318180

Product Options

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
954129BFLF	Active	PVG56	SSOP	56	C	Y	Check Inventory
954129BFLFT	Active	PVG56	SSOP	56	C	Y	Check Inventory

Documents

	TITLE	TYPE▲	FORMAT	FILE SIZE	DATE
	PC Clocks Contact Info	Misc	PDF	62 KB	05/29/2007

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