

Status: **Active**

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Programmable Frequency Generator for Celeron & PII/III™

The IDT94227 is a single chip clock solution for desktop designs using the Apollo Pro 266 style chipset. It provides all necessary clock signals for such a system. The IDT94227 belongs to IDT new generation of programmable system clock generators. It employs serial programming I2C interface as a vehicle for changing output functions, changing output frequency, configuring output strength, configuring output to output skew, changing spread spectrum amount, changing group divider ratio and dis/enabling individual clocks. This device also has IDT propriety 'Watchdog Timer' technology which will reset the frequency to a safe setting if the system become unstable from over clocking.

- 3 - CPUs @ 2.5V, up to 200MHz.
- 3 - IOAPIC @ 2.5V,

CHIPSET MANUFACTURER	CHIPSET NAME	CLOCK SPEC.	CORE VOLTAGE (V)	INPUT FREQ (MHZ)	OUTPUTS (#)	PLATFORM NAME	POWER TYP (MW)	SPREAD SPECTRUM	XTAL FREQ (KHZ)
VIA	ApolloPro266		3.3	14.318000 - 200.000000	22			Yes	14.318180

ORDERABLE PART ID	PART STATUS	PKG. CODE	PKG. TYPE	LEAD COUNT (#)	TEMP. GRADE	PB (LEAD) FREE	ORDER
94227AFLF	Active	PVG48	SSOP	48	C	Y	Check Inventory
94227AFLFT	Active	PVG48	SSOP	48	C	Y	Check Inventory

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

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