





NB4N507A

PECL 3.3 V / 5 V50 200 MHz

NB4N507A PECL NB4N507A (PLL) 200 MHz PLL 50% NB4N507A 155.52 MHz 19.44 MHz x8 NB4N507A

- Input Crystal Frequency of 10 - 27 MHz
 - Enable Usage of Common Low-Cost Crystal
 - Differential PECL Output Clock Frequencies up to 200 MHz
 - Duty Cycle of 48%/52%
 - Operating Range: VCC = 3.0 V to 5.5 V
 - Ideal for SONET Applications and Oscillator Manufacturers
 - Available in Die Form
 - Pb-Free Packages are Available
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- PECL clock generation in networking, communications and computing.
 - Crystal oscillator replacement.
 - General purpose PECL clock generation.

	Pricing (\$/Unit)	Compliance	Status	Input Level	Output Level	V _s Typ (V)	f _{in} Typ (MHz)	f _{out} Typ (MHz)	t _{jitter} (Cy-Cy) Typ (ps)	t _{jitter} (Period) Typ (ps)	t _{jitter} (Φ) Typ (ps)	t _r & t _f Typ (ps)	t _r & t _f Max (ps)	T _A Min (°C)	T _A Max (°C)	Package Type
NB4N507ADG		 	Active		ECL		5-52	50-200		20		270	500	-40	85	SOIC-16
NB4N507ADR2G		 	Active		ECL		5-52	50-200		20		270	500	-40	85	SOIC-16