NDK

Ordering information for 2560NK, 2560TK series

Please specify p/n as follows:

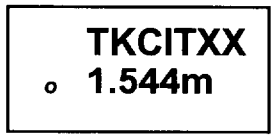
Series -	ppm -	Operating Temperature -	Symmetry -	Frequency
	15 - E	0 to 70 deg C	None	60/40 - None
	20 - D	.-40 to +85 deg C	I	45/55 - T
	25 - C	.-10 to 70 deg C	G	
	50 - A	.-20 to 70 deg C	H	
	100 - B			

For example, p/n for 5v, 50ppm, 40/60 symmetry, 0 to 70 deg C, will be

2560NK - A - 50 Mhz

p/n for 1.544 Mhz, 3.3v, 25ppm, 45/55 symmetry, -40 to +85 will be

2560TK - C - I - T - 1.544 Mhz



X X is the date code,Year, month (Standard NDK)

Last revision: 4/5/2000

2560TK SERIES

Main Applications: Portable PC, PDA, and PC Cards.

Features:

- Supply voltage **3.3 Volts**
- Directly drives C-MOS IC
- Leadless type clock oscillator. Fits highly dense mounting, with light & small demand surface mounting.
  Height 1.72mm (max), Weight 0.25g, Occupying area 38mm^2
- Highly reliable ceramic package is used so that superior heat-resistance and environmental characteristics are realized.
- IR reflow, automatic mounting are applicable.
- Frequency range: 1.5 MHz to 125 MHz.
- Stand-by function for output: Tri-state output.
- Static electricity proof package: tape & reel.

2560TK SERIES

Model / Item	2560TK			
Output Level	C-MOS			
Frequency Range (MHz)	1.5 <= F <= 32	32 < F <= 50	50 < F <= 67	67 <= F <= 125
Frequency Stability (ppm)*	+/- 20, +/- 25, +/-50, +/-100			
Operating Temperature (deg C)	0° to +70°C, -10 to +70, -20 to +70, -40 to +85			
Supply Voltage (V_{DD})	+3.3V ±0.3V			
Current Consumption (mA) @ 3.3 V, 25 Deg C.	10 (max)	15 (max)	18 (max)	45 (max)
V_{OL} max / V_{OL} min	0.1 VDD/0.9VDD, I_{OL} = 2mA I_{OH} = -2mA			
Tr max / Tf max (ns)	6/6 (0.1VDD - 0.9 VDD)			
Duty Cycle (%)	45 - 55 (at +1/2 VDD)		40 - 60 (at +1/2 VDD)	
Fanout (gate)	15 (pF)			
Stand-by Function	Yes, Tri-state			

* Not all stabilities available at -20 to +70 and - 40 to +85 deg C.

Jitter: 3.5 ps RMS max., 3 ps RMS typical.

PAD NO.	Connection
#1	STAND-BY
#2	GND
#3	OUTPUT
#4	VDD

#1 pin input	#3 pin output
H level (+2.2 V min) or open	Operating
L level (+0.8V max)	High Impedance