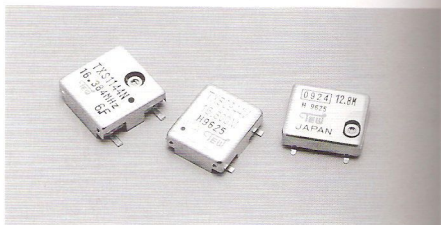


Temperature Compensated Crystal Oscillators/ Voltage Controlled Temperature Compensated Crystal Oscillators

(Surface Mount Type)

Features

- Reflow solderable type.
- Small size, light weight, low power consumption.
- Suitable for cellular terminal and base station, GPS navigation system.



Specifications

Performance	Model	TXS1834N	TXS1134N/M, TXS1144N/M TXS0924N/M, TXS0944N/M	TXS0924V, TXS0944V	TXS1144NT/MT
Frequency (MHz)		12.8, 15.36, 19.2		12.8~20.0	2.048~20.48
Supply Voltage (V)		+5±5%	+3±5%	+5±5%, +3±5%	+5±5%
Supply Current (mA)			2Max.		15Max. (at 5V, 25°C)
Output Level		1V _{rms} →Min./ (DC Cut)	0.8V _{rms} →Min./ (DC Cut)	5V=1V _{rms} →Min./ 3V=0.8V _{rms} →Min. (DC Cut)	Hi=4.5Min. Lo=0.5Max.
Load		20kΩ//10pF		10kΩ//10pF	1~10TTL/C·MOS
Frequency Shift (×10 ⁻⁴)	vs Temperature	±1.5/±2.5 (-30~+70°C)		±2.5 (-20~+75°C)	±2.5 (-20~+70°C)
	vs Supply Voltage	±0.3 (+5V±5%)		±0.5 (+3V±5%)	±0.3 (+5V±5%)
	vs Load			±0.2 (10kΩ//10pF±10%)	
	vs Shipping	±0.5 (at 25°C)		±3Max. (at 25°C)	
vs Aging			±1/year		
Voltage Controlled Range (×10 ⁻⁴)			±5~±10 (1.5V±1V)	±10~±20 (2.5V±2V) ※	M/±10Min. (2.5V±2V)
Variable Frequency Range (×10 ⁻⁴)		±3Min. (with internal trimmer)		±3Max. (at 25°C)	±3Min.
Storage Temperature Range (°C)				-40~+85	
Outer Appearance		A	B	C	D

※ Voltage Controlled Range(at +3V): ±8~±16PPM (+1.5V±1.5V)

Outer Appearance

