

OXB10 SERIES

Part Number Guide				
OXB10-XXXX-FREQ. OXB10: 0CX0-B Package/10 Series XXXX: Input Voltage/Temp. Range/Temp. Stability/Output/Adjustment Range FREQ.:Frequency in MHz Example:OXB10-BAILN-12.8MHz (5V, ±5ppb@-40°C-85°C, LV TTL adjustment)				
Parameters参数		CodingTable代码表		
11	Frequency Range 频率范围	5MHz-50MHz		
~		10, 12. 8, 13, 15. 36, 16. 384, 19. 2, 19. 44, 20, 25, 26, 30. 72, 38. 88, 40, 50MHz		
6	Input Voltage 输入电压	A:3. 3V, B:5V, C:12V		
7	Temp. Range 温度范围	A: -40°C to 85°C, B: -30°C to 75°C, C: -20°C to 70°C, D: 0°C to 70°C		
8	Temp. Stability 温度稳定性	H: ±3ppb, I: ±5ppb, J: ±10ppb		0: ±30ppb, P: ±50ppb, Q: ±0. 1ppm
9	Output Waveform 输出波形	L:LV TTL, H:HCMOS, S:Sine wave		
10	Adjustment Range 调频范围	A: ±0. 5ppm~±1. 0ppm N: No Adjustment		H: ±5ppm~±10ppm N: No Adjustment
Voltage (reference only) 电压 (仅供参考)				
Input Voltage 输入电压		3. 3V±5%		5V±5%
Reference Voltage 参考电压		Not Connected	2. 8V	Not Connected 4V
VCO Center Voltage 压控端中心电压		1. 65V	1. 4V	2. 5V 2V
VCO Input Range 压控端输入范围		0~3. 3V	0~2. 8V	0~5V 0~4V
Typical Specification of 10MHz 0CX0 典型规格				
Crystal Type 晶体类型		SC-Cut		AT-Cut
Aging 老化率	daily	< ±0. 3ppb	daily	< ±3ppb
	Yearly	< ±30ppb	Yearly	< ±0. 3ppm
Warm-up Time 预热时间		<3min, to 5ppb of final frequency (30 minutes reading)@25°C.		<3min, to 50ppb of final frequency (30 minutes reading)@25°C.
Warm-up Power 预热功率		<4 Watts		<4 Watts
Steady State Power 稳态功耗		<1. 2 Watts@25°C		<1. 0 Watts@25°C
Voltage Stability 电压稳定性		< ±0. 5ppb@Vcc±5%		< ±0. 5ppb@Vcc±5%
Short Term Stability 短期稳定度		<0. 005ppb/S		<0. 05ppb/S
Phase Noise 相位噪声 (Typical Value) (典型值)	-95 dBc/Hz	@1Hz	-85 dBc/Hz	@1Hz
	-127 dBc/Hz	@10Hz	-115 dBc/Hz	@10Hz
	-143 dBc/Hz	@100Hz	-138 dBc/Hz	@100Hz
	-153 dBc/Hz	@1KHz	-145 dBc/Hz	@1KHz
	-164 dBc/Hz	@10KHz	-160 dBc/Hz	@10KHz
	-165 dBc/Hz	@100KHz	-161 dBc/Hz	@100KHz
Product Height 产品高度		11mm, 12. 7mm Max.		



Pb Free RoHS Compliant

Mechanical Dimensions 外形图

