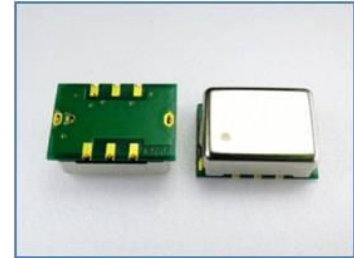


LVC MOS VCXO

VXSG-Y6S7 Series

◆特長・用途/Feature

- SMD Package
- Supply Voltage **+3.3V**
- Output Level **LVC MOS**
- Frequency range **100MHz ~ 130MHz**



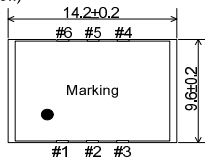
◆仕様/Specifications

RoHS Compliant

項目 / item	Min	Max	単位 / unit	Note
出力周波数 Frequency range	100	130	MHz	--
動作温度範囲 Operating Temp. range	-40	+85	°C	--
電源電圧 Power Supply voltage	+3.3		V	--
消費電流 Current	--	25	mA	--
周波数安定度 Freq. Overall tolerance	±35		10 ⁻⁶	Inclusive of initial tolerance , operating temperature , supply voltage change and aging 1 st year.
周波数可変範囲 Freq. control range	±41	--	10 ⁻⁶	Control Voltage (VC) : +0V~+3.3V Input impedance : 47kΩ min.
出力レベル Output level	VOH	80%V _{DD}	V	--
	VOL	--	20%V _{DD}	V
Rise time , Fall time	--	3	ns	20%V _{DD} ⇄ 80%V _{DD}
Duty Cycle	40	60	%	50%V _{DD}
位相雑音 Phase noise (例: 122.88MHz)	--	-100	dBc/Hz	100Hz Offset
	--	-130	dBc/Hz	1kHz Offset
	--	-145	dBc/Hz	10kHz Offset
	--	-150	dBc/Hz	100kHz Offset
	--	-150	dBc/Hz	1MHz Offset

◆外形寸法/Dimensions unit : mm

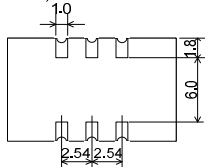
(Top View)



(Side View)



(Bottom View)



Terminal Connections

Terminal#	Connection
1	V _c or NC
2	NC
3	GND
4	Output
5	NC
6	V _{cc} or V _{DD}

Pin#1 is NC for SPXOTCXO