■ SMD Products Selection Guide for XO, VCXO & TCXO

OSC Type	Logic Type		Frequency Output	Output Frequency	Supply Voltage [V]	Pads	Operating Temperature Range [℃]	Stability [ppm]	IC Function	Package Size[mm] / Product Model				
										2.0 x 1.6	2.5 x 2.0	3.2 x 2.5	5.0 x 3.2	7.0 x 5.0
XO	CMOS		Single	32.768kHz	1.5~3.3	4	-40~+85 (-40~+125)	±20 ~ ±100	512 Divide	SCO-21	SCO-22	SCO-32	SCO-53	SCO-10
				18~20kHz	1.8~3.3				1024 Divide		SCO-22	SCO-32	SCO-53	SCO-10
				500~999kHz	1.8~3.3		-40~+85		Non-PLL				SCO-53	SCO-10
				* MHz	0.9~1.5						SCO-22	SCO-32	SCO-53	SCO-10
					1.8~5.0						SCO-22	SCO-32	SCO-53	SCO-10
					1.8~3.3			±10.0				SCO-H32		
					1.8~3.3			±20 ~ ±100		SCO-21				
					1.8~5.0								SCO-53	SCO-10
					1.8~3.3									
					1.8~3.3		-40~+125	±50, ±100		SCO-A21	SCO-A22	SCO-A32	SCO-A53	
					1.8~3.3									
					2.5, 3.3		-40~+85	±5, ±10	PLL(Program)					
					3.3			±20~±100	PLL(Multiplier)		SCO-22	SCO-32	SCO-53	SCO-10
			Dual	* kHz-MHz	1.8~3.3	6		±25~±100	Non-PLL		DCO-22	DCO-32		
	Differential	LVPECL	Single	* MHz	2.5~3.3	6	-40~+85 (-40~+125)	±20~±100	Non-PLL			SPO-32	SPO-53	SPO-10
					2.5~3.3				Non-PLL				SPO-53	SPO-10
					2.5, 3.3			±5, ±10	PLL(Program)			SPO-G32	SPO-G53	SPO-G10
			Dual		2.5, 3.3			±25~±100	PLL(Program)				DPO-53	DPO-10
		LVDS	Single		2.5~3.3			±20~±100	Non-PLL			SLO-32	SLO-53	SLO-10
					2.5~3.3				Non-PLL				SLO-53	SLO-10
					2.5, 3.3			±5, ±10	PLL(Program)			SLO-G32	SLO-G53	SLO-G10
			Dual		2.5, 3.3			±25~±100	PLL(Program)				DLO-53	DLO-10
		HCSL	Single		2.5~3.3			±20~±100	Non-PLL				SHO-53	SHO-10
VCXO	CMOS		Single	* MHz	3.3	4	-40~+85	±20~±100	Non-PLL		SVK			
					2.5~5.0							SVJ	SVL	SVG
					2.5~5.0	6						SVM	SVI	SVH
	Differential	LVPECL	Single		2.5~3.3	6	-40~+85 (-40~+125)	±20~±100	Non-PLL				SPV-53	SPV-10
					3.3			±50, ±100	Non-PLL					SPV-M10
					2.5, 3.3			±25~±100	PLL(Program)			SPV-G32	SPV-G53	SPV-G10
			Dual		2.5, 3.3			±25~±100	PLL(Program)				DPV-53	DPV-10
		LVDS	Single		2.5~3.3			±20~±100	Non-PLL				SLV-53	SLV-10
					3.3			±50, ±100	Non-PLL					SLV-M10
					2.5, 3.3			±25~±100	PLL(Program)			SLV-G32	SLV-G53	SLV-G10
			Dual		2.5, 3.3			±25~±100	PLL(Program)				DLV-53	DLV-10
TCXO	Clipped Sinewave		Single	13~52MHz	1.8~3.3	4	-30~+85	±0.5~±2.0	Non-PLL	STK				
					1.8~3.3						STJ			
					1.8~3.3	6					STJ-T			
	Clipped Sinewave / CMOS			12~54MHz	2.5~3.4	4	-30~+85 (-40~85)	±2.0, ±2.5				STI		
	Clipped Sinewave / CMOS				1.8~3.0			±0.5				STI		
	CMOS			10~38.4MHz	2.5~3.4			±2.5					STI	
	Clipped Sinewave				3.3, 5.0			±0.5~±5.0					STH	
	Clipped Sinewave			12~26MHz	3.3, 5.0		-40~+85	±0.5~±5.0						STG

Note) * Please refer to the datasheet of products