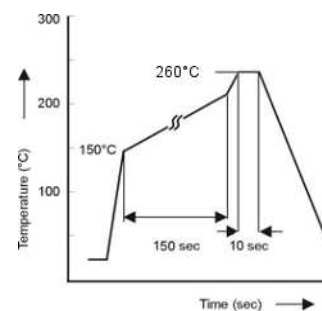
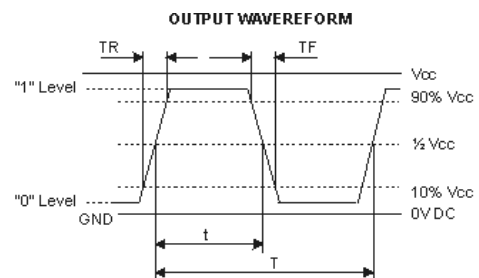
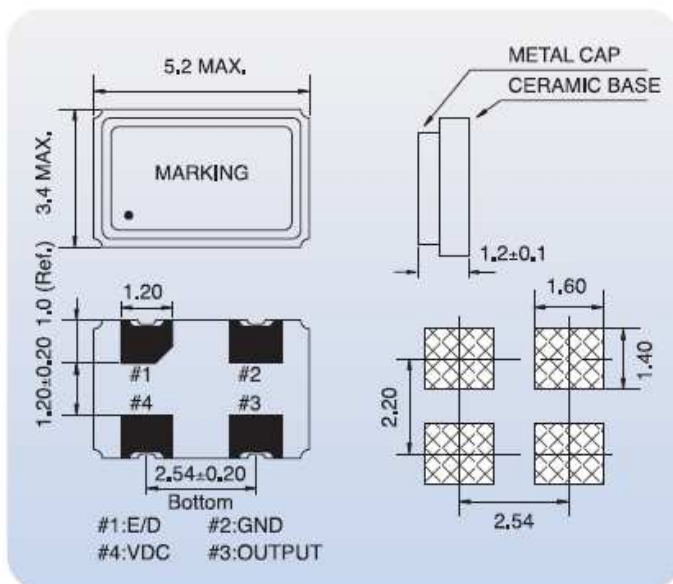


IO 14

Clock Oscillator 1,8 V/ 2,5 V/ 3,3 V

Dimensions l/w/h (max)	5,2 mm x 3,4 mm x 1,2 mm	
Frequency range	0,5 MHz to 156,0 MHz	
Operating Temperature	Refer to Ordering Guidance	
Frequency Stability in Operating Temp. Range	Refer to Ordering Guidance	
Power supply voltage	1,8 V/2,5 V/3,3 V	
Storage Temperature	-55°C to +125°C	
Output level	CMOS	
Output symmetry	40-60% (45-55% avail.) ±10% at 50%VDD	
Rise & Fall Time	0,5 MHz to 79,99 MHz	5 nS
	80,0 MHz to 156,0 MHz	3 nS
Input current max.	0,5 MHz to 31,99 MHz	8 mA
	32,0 MHz to 79,99 MHz	20 mA
	80,0 MHz to 156,0 MHz	30 mA
Output load	15 pF	
Standby current	10 µA max.	
Tristate	Yes	
Aging	±3 ppm	



IO - Oscil.																			
QS-Digits:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
QS- Eingabe/Enter:	I	O	1	4	0	2	4	,	0	0	0	M	0	3	,	3	B	B	
Bezeichnung/Indic.:	Gruppe		Grösse		Frequ./FRQ/Fliesskomma							Hz	Spannung/V			Fst	TR		
IO Applications: WLAN GPS WIFI Cell Phones Digital TV	IO Oscillators		Size code + packg. code 1-13 =3K/RL, ab 14 = 1K/RL									H/K/M/G				Frequency Stability	oper. Temp. in °C		
																		A	10
																		B	20
																		C	30
																		D	40
																		E	50
																		F	80
																		G	160
																		H	200
																		I	100
J	oth.																		
		A	= 0°C to +70°C																
		B	= -20°C to +70°C																
		C	= -20°C to +80°C																
		D	= -25°C to +85°C																
		E	= -40°C to +85°C																
		F	= -40°C to +104°C																
		G	= best																

IR - Reson.																	
QS-Digits:	1	2	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
QS- Eingabe/Enter:	I	R	Z	T	T	C	C	0	0	2	,	0	0	0	M	G	
Bezeichnung/Indic.:	Gruppe		Bezeichnung / Item Code							Frequency							Design Mode
IR Applications: DAB Cable Modem Remote Control	IR Resonator																Design Mode