



RoHS Compliant

Features

- Output frequency of 1 to 52MHz is available
- Clock crystal oscillator for industrial equipment

Standard frequency

- 27MHz

How to Order

FO 27.000000 M

① ② ③ ④

- ① Function
FO→CXO
- ② Output Frequency
- ③ Frequency Unit
M→MHz
- ④ Individual Specification

Frequency tolerance

Model name	Frequency tolerance $\times 10^{-6}$	1pin connection
CXO-292A	±100	NC
CXO-292B		Enable/ Disable
CXO-292C	±50	NC
CXO-292D		Enable/ Disable
CXO-292E	±25	NC
CXO-292F		Enable/ Disable
CXO-292G	±20	NC
CXO-292H		Enable/ Disable

Specifications

Item	Symbol	Conditions	Min.	Max.	Units
Frequency Range	f_o	—	1	52	MHz
Frequency tolerance	f_{tol}	Initial tolerance and Temperature characteristic	Figure 1		$\times 10^{-6}$
Storage Temperature Range	T_{stg}	—	-20	+85	°C
Operating Temperature Range	T_{use}	—	-10	+70	°C
Supply Voltage	V_{CC}	—	4.75	5.25	V
Current Consumption	I_{CC}	—	—	45	mA
Frequency Aging	f_{age}	1 year	-5	+5	$\times 10^{-6}$
CMOS Load	L_{CMOS}	—	—	15	pF
Low Level Output Voltage	V_{OL}	—	—	10% V_{CC}	V
High Level Output Voltage	V_{OH}	—	90% V_{CC}	—	V
Symmetry	Symmetry	@50% V_{CC}	40	60	%
Low Level Input Voltage	V_{IL}	Only Enable/ Disable function at 1 pin connection	—	30% V_{CC}	V
High Level Input Voltage	V_{IH}	Only Enable/ Disable function at 1 pin connection	70% V_{CC}	—	V

Dimensions

(Unit: mm)

