

[IC information]

Manufacture	Infineon Technologies AG
Series/Product	TVII-B-E-1M
Type/Device Code	CYT2B78CADES

[Specification of Resonator]

Model	DSX321G
Nominal Frequency	16.000MHz
Load Capacitance	8.0pF
Series Resistance	50Ω max.

[Measurement Results]

C1=1pF, C2=1pF, VDD=+2.7V

Negative Resistance	-1200Ω
Drive Level	18μW
Frequency Deviation	+7ppm

C1=1pF, C2=1pF, VDD=+5.0V

Negative Resistance	-1200Ω
Drive Level	22μW
Frequency Deviation	+6ppm

Measurement Results are for Reference only.

Therefore, it is necessary to conduct a survey on your board.

If you have any questions about circuit survey, please contact us by the following e-mail.

circuitanalysis797@kds.info

[Oscillation Diagram]