

**[IC information]**

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

**[Specification of Resonator]**

Model	DSX321G
Nominal Frequency	32.000MHz
Load Capacitance	8.0pF
Series Resistance	40Ω max.

**[Measurement Results]**

C1=2pF, C2=2pF, VDD=+2.7V

Negative Resistance	-510Ω
Drive Level	43μW
Frequency Deviation	+12ppm

C1=2pF, C2=2pF, VDD=+5.0V

Negative Resistance	-510Ω
Drive Level	50μW
Frequency Deviation	+10ppm

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](mailto:circuitanalysis797@kds.info)

**[Oscillation Diagram]**