[IC information]

Manufacture	Renesas Electronics
Series/Product	RL78/G Series/G13A
Type/Device Code	R5F140PLAFB

[Specification of Resonator]

Model	DST310S
Nominal Frequency	32.768kHz
Load Capacitance	6.0pF
Series Resistance	50kΩ max.

[Measurement Results]

Oscillation mode: Ultra low power C1=8pF, C2=8pF, VDD=+3.3V

Negative Resistance	-360kΩ
Drive Level	0.1µW
Frequency Deviation	+2ppm

C1=8pF, C2=8pF, VDD=+5.0V

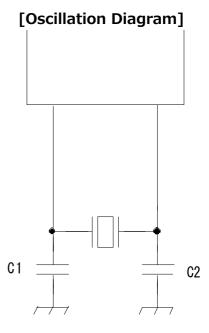
Negative Resistance	-360kΩ
Drive Level	0.1µW
Frequency Deviation	+2ppm

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-maill.

circuitanalysis797@kds.info



[IC information]

Manufacture	Renesas Electronics
Series/Product	RL78/G Series/G13A
Type/Device Code	R5F140PLAFB

[Specification of Resonator]

_ = -	_
Model	DST310S
Nominal Frequency	32.768kHz
Load Capacitance	6.0pF
Series Resistance	80kΩ max.

[Measurement Results]

Oscillation mode: Low power C1=8pF, C2=8pF, VDD=+3.3V

Negative Resistance	-560kΩ
Drive Level	0.2μW
Frequency Deviation	+7ppm

C1=8pF, C2=8pF, VDD=+5.0V

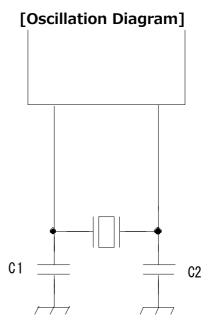
Negative Resistance	-560kΩ
Drive Level	0.2μW
Frequency Deviation	+7ppm

Measurement Results are for Reference only.

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[IC information]

Manufacture	Renesas Electronics
Series/Product	RL78/G Series/G13A
Type/Device Code	R5F140PLAFB

[Specification of Resonator]

Model	DST310S
Nominal Frequency	32.768kHz
Load Capacitance	6.0pF
Series Resistance	80kΩ max.

[Measurement Results]

Oscillation mode: Standard C1=8pF, C2=8pF, VDD=+3.3V

Negative Resistance	-750kΩ
Drive Level	0.2μW
Frequency Deviation	+6ppm

C1=8pF, C2=8pF, VDD=+5.0V

Negative Resistance	-750kΩ
Drive Level	0.2μW
Frequency Deviation	+7ppm

Measurement Results are for Reference only.

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

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