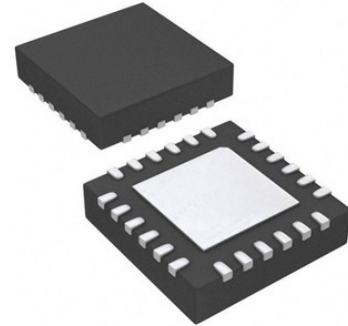


RF SWITCH, 8GHZ, -55 TO 105DEG C New

Manufacturers	Renesas Technology Corp
Package/Case	TQFN-20
Product Type	RF Integrated Circuits
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for F2923NCGI or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The F2923 is a low insertion loss 50Ω SP2T (SPDT) absorptive RF Switch designed for a multitude of wireless and other RF applications. This device covers a broad frequency range from 300 kHz to 8000 MHz. In addition to providing low insertion loss, industry leading isolation at 2 GHz and excellent linearity, the F2923 also includes a patent pending constant impedance ($K|z|$) feature.

Features

Constant Impedance $K|z|$ during transition

Very low insertion loss: 0.48 dB @ 2 GHz

High Input IP3: 66 dB @ 2 GHz

RF1 / RF2 to RF_Com Isolation: 74 dB @ 2 GHz

1-pin or 2-pin device control option

Low DC current: 127 μA using 3.3 V logic

Supports 1.8 V and 3.3 V control logic

Extended temperature: -55 °C to +105 °C

4 mm x 4 mm, 20-pin TQFN package

Industry standard footprint and pin compatible with F2912

Related Products



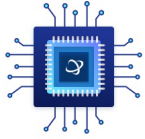
[F2910NBGP](#)

Renesas Technology Corp
8-VDFN



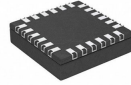
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Renesas Technology Corp
12-UFQFN



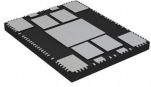
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Renesas Technology Corp



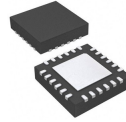
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Renesas Technology Corp
20-WFQFN



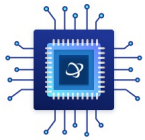
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Renesas Technology Corp
VFQFPN-32



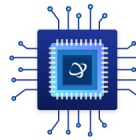
[F2480NBGI](#)

Renesas Technology Corp
TQFN-32



[F2977NEGK8](#)

Renesas Technology Corp



[F2976NEGK8](#)

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