

Clock Generators & Support Products PCIe CLOCK GENERATOR GEN 1/2/3, 4 OUT

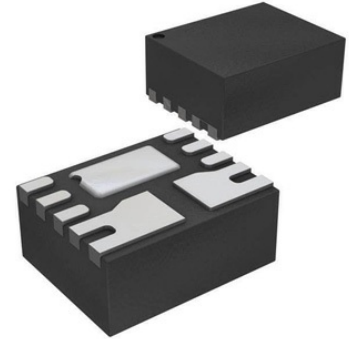
Manufacturers [Renesas Technology Corp](#)

Package/Case MLF-32

Product Type Clock & Timer ICs

RoHS Rohs

Lifecycle



Images are for reference only

Please submit RFQ for 9FGV0441AKLF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 9FGV0441 is an 4-output very low power clock generator for PCIe Gen1-4 applications with integrated output terminations providing>

Features

Integrated terminations provide 100Ω differential Zo; reduced component count and board space

1.8V operation; reduced power consumption

OE# pins; support DIF power management

LP-HCSL differential clock outputs; reduced power and board space

Programmable slew rate for each output; allows tuning for various line lengths

Programmable output amplitude; allows tuning for various application environments

DIF outputs blocked until PLL is locked; clean system start-up

Selectable 0%, -0.25% or -0.5% spread on DIF outputs; reduces EMI

External 25MHz crystal; supports tight ppm with 0 ppm synthesis error

Configuration can be accomplished with strapping pins; SMBus interface not required for device control

3.3V tolerant SMBus interface works with legacy controllers

Space saving 5 x 5 mm 32-VFQFPN; minimal board space

Selectable SMBus addresses; multiple devices can easily share an SMBus segment

Related Products



[9FGV0241AKILET](#)

Renesas Technology Corp
VFQFPN-24



[9FGV0241AKILE](#)

Renesas Technology Corp
24-VFQFN



[49FCT3805QG](#)

Renesas Technology Corp
QSOP-20



[9FGV0841AKLET](#)

Renesas Technology Corp
48-VFQFN



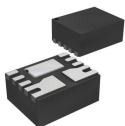
[49FCT3805APYGI](#)

Renesas Technology Corp
20-SSOP (0.209", 5.30mm Width)



[49FCT3805ASOGI](#)

Renesas Technology Corp
20-SOIC (0.295", 7.50mm Width)



[9FGV0841AKLF](#)

Renesas Technology Corp
MLF-48



[9FGV0841AKILE](#)

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QFN-48