

CLOCK GENERATOR, 100MHZ, -40 TO 85DEG C New

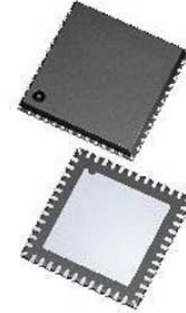
Manufacturers [Renesas Technology Corp](#)

Package/Case QFN-48

Product Type Clock & Timer ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for 9FGV0841AKILF or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The 9FGV0841 is an 8-output very low power clock generator for PCIe Gen1–4 applications with integrated output terminations providing>

Features

PCIe Gen1-4 compliant

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

1.8V operation: reduced power consumption

Outputs can optionally be supplied from any voltage between 1.05V and 1.8V: maximum power savings

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 0ppm 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 6 × 6 mm 48-VFQFPN; minimal board space

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

Available in AEC-Q100 qualified, Grade 2 (-40°C to +105°C) version (wettable flank package)

Related Products



[9FGV0241AKILET](#)

Renesas Technology Corp
VFQFPN-24



[9FGV0241AKILE](#)

Renesas Technology Corp
24-VFQFN



[49FCT3805QG](#)

Renesas Technology Corp
QSOP-20



[9FGV0841AKLFT](#)

Renesas Technology Corp
48-VFQFN



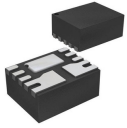
[49FCT3805APYGI](#)

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



[49FCT3805ASOGI](#)

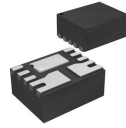
Renesas Technology Corp
20-SOIC (0.295", 7.50mm Width)



[9FGV0841AKLF](#)

Renesas Technology Corp

MLF-48



[9FGV0441AKLF](#)

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MLF-32