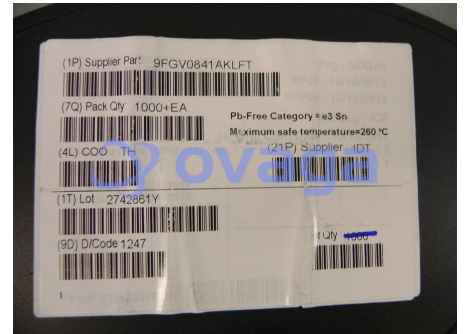


8-Output Very Low Power PCIe Gen1-2-3 Clock Generator; HT SUS4
CODE:8542390000

Manufacturers	Renesas Technology Corp
Package/Case	48-VFQFN
Product Type	Clock & Timer ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for 9FGV0841AKLFT 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 Z_0 : 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

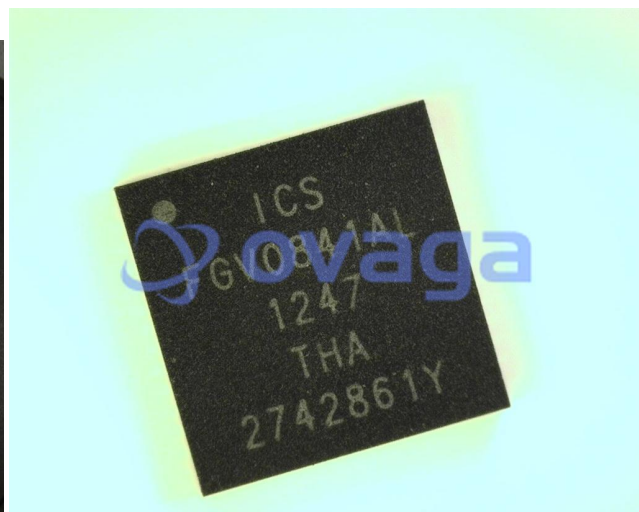
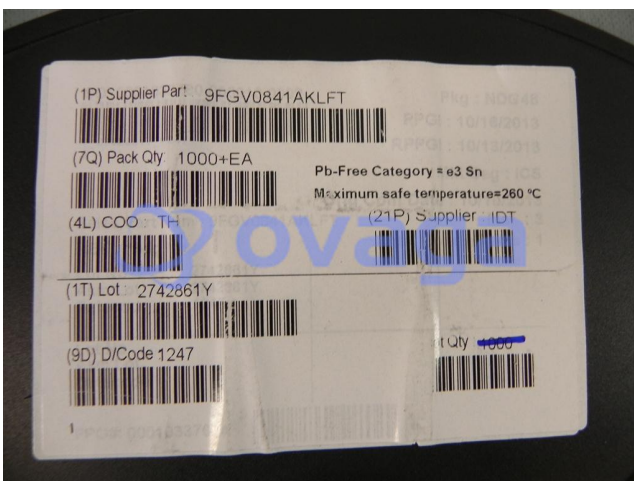
Configuration can be accomplished with strapping pins: SMBus interface not required for device control

3.3V tolerant SMBus interface works with legacy controllers

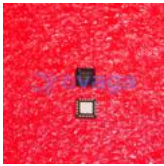
Space-saving 6 × 6 mm 48-VFQFPN; minimal board space

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

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



Related Products



[9FGV0241AKILET](#)

Renesas Technology Corp
VFQFPN-24



[9FGV0241AKILF](#)

Renesas Technology Corp
24-VFQFN



[49FCT3805QG](#)

Renesas Technology Corp
QSOP-20



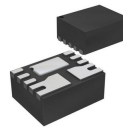
[49FCT3805APYGI](#)

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



[49FCT3805ASOGI](#)

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



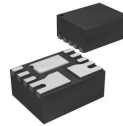
[9FGV0841AKLF](#)

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[9FGV0441AKLF](#)

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MLF-32