

CLOCK GENERATOR, 25MHZ, -40 TO 85DEG C New

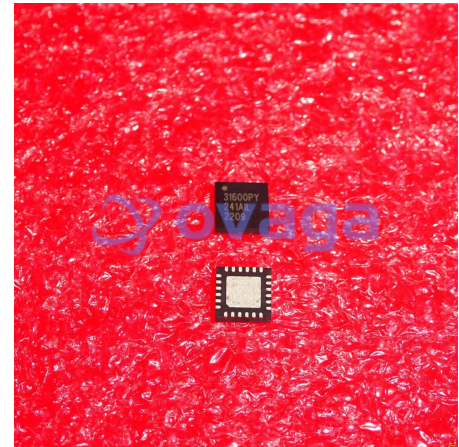
Manufacturers [Renesas Technology Corp](#)

Package/Case VFQFPN-24

Product Type Clock & Timer ICs

RoHS

Lifecycle



Images are for reference only

Please submit RFQ for 9FGV0241AKILFT or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The 9FGV0241 is a 2-output very low power frequency generator for PCIe Gen1-4 applications with integrated output terminations providing

## Features

PCIe Gen1–4 compliant

Integrated terminations provide 100  $\Omega$  differential  $Z_0$ : reduced component count and board space

1.8 V 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

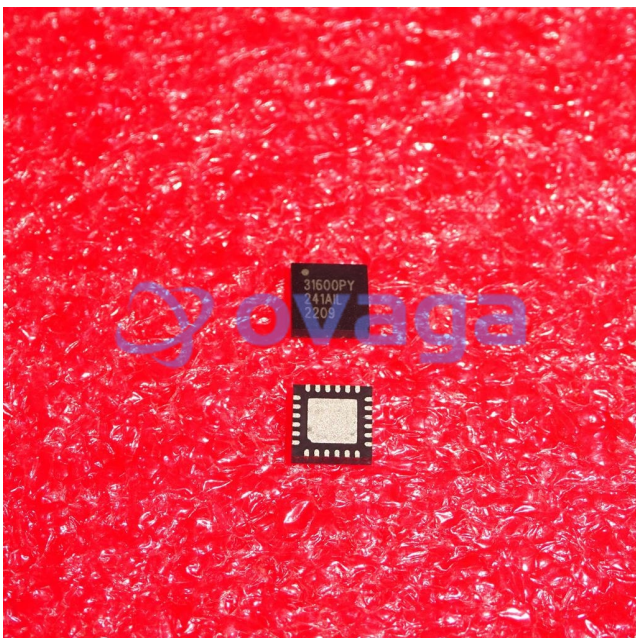
Selectable 0%, -0.25% or -0.5% spread on DIF outputs: reduces EMI

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

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

3.3 V tolerant SMBus interface works with legacy controllers

Space-saving 4x4 mm 24-pin VFQFPN; minimal board space



## Related Products



[9FGV0241AKILF](#)

Renesas Technology Corp  
24-VFQFN



[9FGV0841AKLFT](#)

Renesas Technology Corp  
48-VFQFN



[49FCT3805ASOGI](#)

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



[9FGV0841AKILF](#)

Renesas Technology Corp  
QFN-48



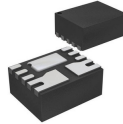
[49FCT3805QG](#)

Renesas Technology Corp  
QSOP-20



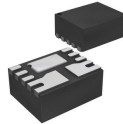
[49FCT3805APYGI](#)

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



[9FGV0841AKLF](#)

Renesas Technology Corp  
MLF-48



[9FGV0441AKLF](#)

Renesas Technology Corp  
MLF-32