



Always Connected

Anokiwave and Qorvo bring **innovation and scale** to SATCOM applications. Our system level support and broad portfolio of products are **connecting the world through space**.

qorvo.com/go/satcom



Connecting the World through Space

Ground Applications

Flat Panel Arrays

Ku-Band

Rx: 10.7 to 12.75 GHz; Tx: 13.75 to 14.5 GHz

Ku-Band Quad Beamformer ICs

[AWMF-0146](#), [AWMF-0147](#)

Quad 4x2 Tx and Rx highly integrated ICs simplifying active antenna design.

Recommended Rx Gain Stage: CMD264P3

Recommended Tx Driver: CMD264P3



Ka-Band

Rx: 17.7 to 21.2 GHz; Tx: 27.5 to 31.0 GHz

Ka-Band Quad Beamformer ICs

[AWMF-0197](#); [AWMF-0198](#)

Quad 4x2 Tx and Rx highly integrated ICs simplifying active antenna design.

Recommended Rx Gain Stage: QPA2626

Recommended Tx Driver: QPA2628



SATCOM Terminals

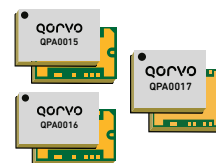
Ku-Band

Rx: 10.7 to 12.75 GHz; Tx: 13.75 to 14.5 GHz

8, 15, or 25 W GaN Tx Power Amplifiers

[QPA0015](#), [QPA0016](#), [QPA0017](#)

SMT package



Ultra-Low Noise Rx Amplifier

[CMD320C3](#)

Market leading NF=1.07 dB, 18 dB gain with no external DC blocks or RF matching required. Low power dissipation.



Ka-Band

Rx: 17.7 to 21.2 GHz; Tx: 27.5 to 31.0 GHz

25 W GaN Tx Power Amplifier

[QPA2212D](#)



GaAs Rx Low Noise Amplifier

[CMD298C4](#)

Market leading NF=1.07 dB, 18 dB gain with no external DC blocks or RF matching required. Low power dissipation.



Space Applications

Space Payload

Ku-Band

Rx: 13.75 to 14.5 GHz; Tx: 10.7 to 12.75 GHz

17.5 or 35 W GaN Tx Power Amplifiers

[QPA1006D](#), [QPA1009D](#)



GaAs Rx Low Noise Amplifier

[QPA2735](#)

Market leading NF=1.3 dB, 25.5 dB gain with no external DC blocks or RF matching required.

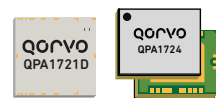


Ka-Band

Rx: 27.5 to 31.0 GHz; Tx: 17.7 to 21.2 GHz

20 or 30 W GaN Tx Power Amplifiers

[QPA1721D](#), [QPA1724](#)



GaAs Rx Low Noise Amplifier

[QPA2628](#)

Market leading NF=1.6 dB, 23 dB gain with no external DC blocks or RF matching required.



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