Anokiwave Is Now

qorvo

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

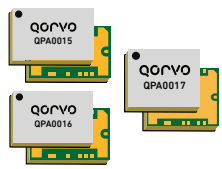
Ka-Band Quad Beamformer ICs
AWMF-0197; AWMF-0198
Quad 4x2 Tx and Rx highly integrated ICs simplifying active antenna design.
Recommended Rx Gain Stage: QPA2626
Recommended Tx Driver: QPA2628

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

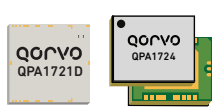
17.5 or 35 W GaN Tx Power Amplifiers
QPA1006D, QPA1009D

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.

Visit qorvo.com/go/satcom to see our complete portfolio for SATCOM

Anokiwave Is Now qorvo

© 03-2024 Qorvo US, Inc. | QORVO is a trademark of Qorvo US, Inc.