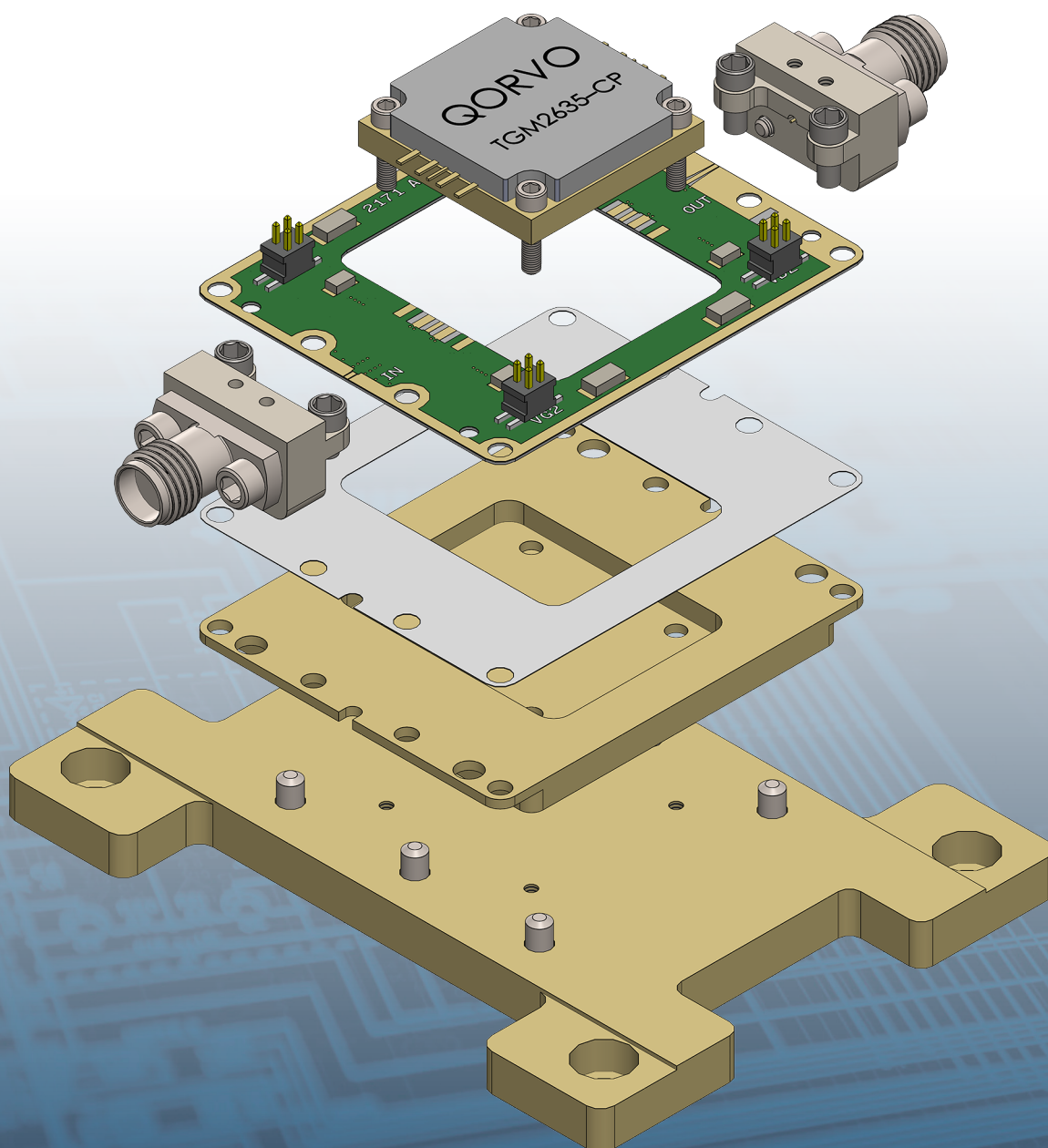


SPOTLIGHT ON

qorvo®



Quantic™ X-Microwave

Qorvo's X-MWblock[®] Availability

Modular Building Block System

Over 200 Qorvo X-MWblock
Drop-In components
covering many RF-device
categories

- Drop-In and Connectorized options
- Bias and control boards available
- Prototype full signal chains
- Standard and custom production Integrated Microwave Assemblies



Amplifiers



Multipliers



Band Pass
Filters



Phase
Shifters



Digital Step
Attenuators



Switches



Limiters



Transmit-Receive
with Switch



Mixers



Voltage Variable
Attenuators

Cross Reference

FEATURED PRODUCT

QPA2213 Amplifier

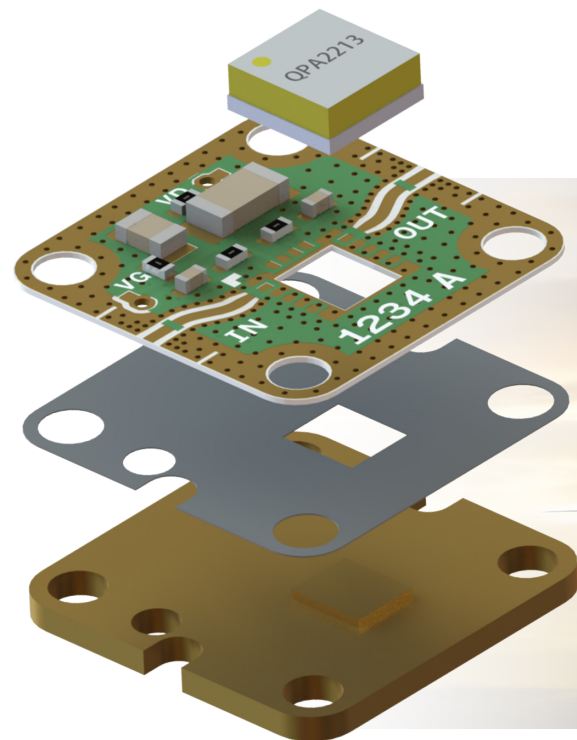
[XM-B8D6-0404D/ROHS](#)

- Manufacturer Info & Specs
- Live S-Parameter Plot
- Bias & Sequencing
- Configurations
- Control Board

LEARN MORE

qorvo.com > [Design Hub](#) > [Design Tools](#) >
[Evaluation Tools](#) > [X-Microwave Design System](#)

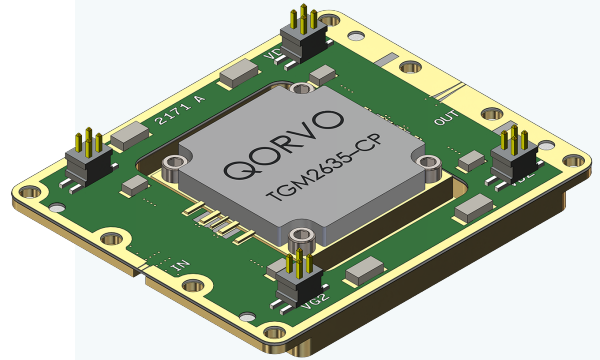
quanticxmw.com > [Products](#) >
[X-MWblocks](#) > [Manufacturer](#) > [Qorvo](#)



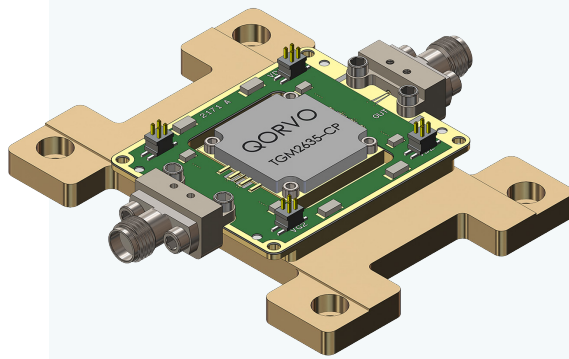
Get on the Grid with Quantic X-Microwave

Modular Platform

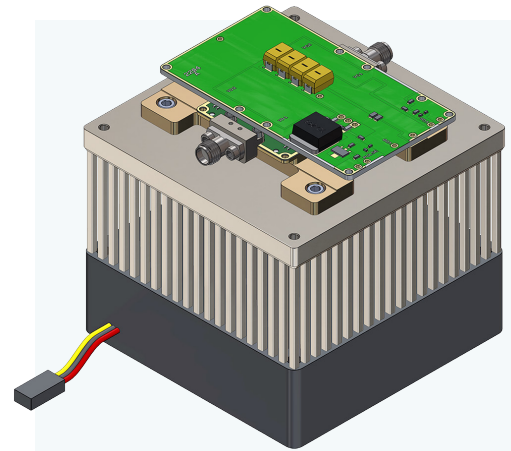
Design > Prototype > Production



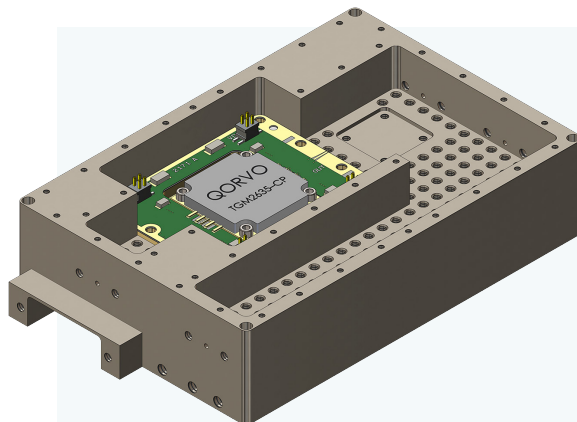
1. Qorvo Eval Board



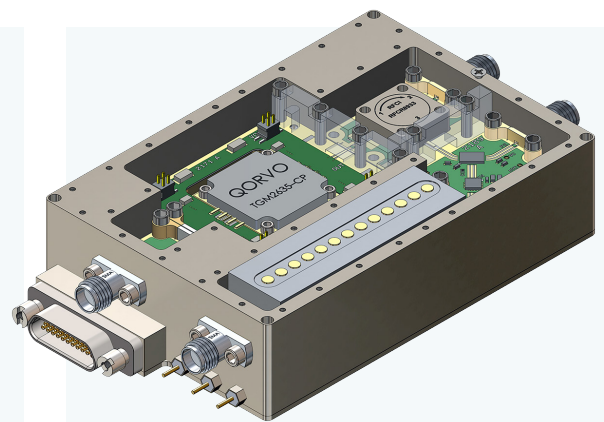
2. X-MWblock Drop-In on Copper Base and Heatspreader



3. X-MWblock Drop-In on Heatsink Fan Assembly with Plug-In Pulse Circuit



4. X-MWblock Drop-In in Integrated Microwave Assembly



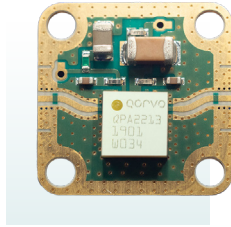
5. X-MWblock Drop-In Integrated with Additional X-MWblocks in Final Integrated Microwave Assembly



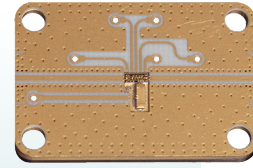


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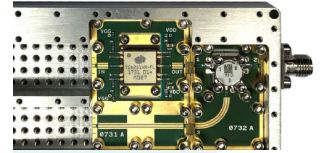
Visit www.qorvo.com to learn how our diverse and innovative team is helping connect, protect and power our planet.



- Qorvo QPA2213
- 2W Power Amplifier
- 2 GHz to 20 GHz
- Surface Mount Device
- Copper Base
- X-MWblock Drop-In



- Qorvo TGP2102
- 5 bit, 5° RMS
- Phase Shifter
- 32 GHz to 37 GHz
- Bare DIE Device
- CuMo Base
- X-MWblock Drop-In

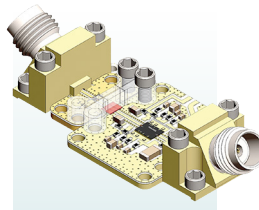


- Qorvo TGA2514N-FL
- 6.5W Power Amplifier
- 13 GHz to 16 GHz
- Flange Device
- Copper Base
- X-MWblock Drop-In
- Integrated Microwave Assembly

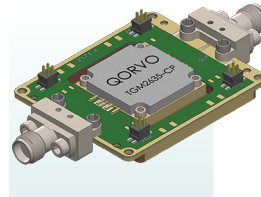
Quantic X-Microwave

Quantic X-Microwave delivers industry-leading performance through advanced RF & Microwave solutions for the most demanding industries—from aerospace and defense to quantum computing to wireless infrastructure and radar. Compounding the value of X-MW's unrivaled domain expertise, our unique modular design system gets you to market faster than ever.

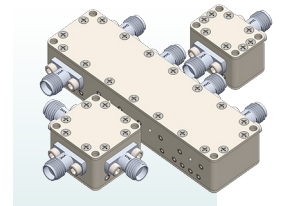
And now as a Quantic company, we're part of an extended engineering ecosystem and powerful supply chain, defining a competitive advantage that extends to every customer. To learn more, visit www.quantixmw.com.



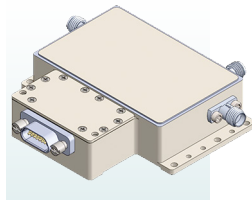
Drop-In Everything



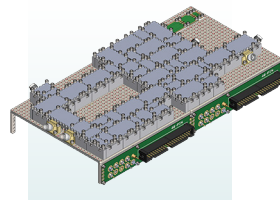
Power Amplifiers



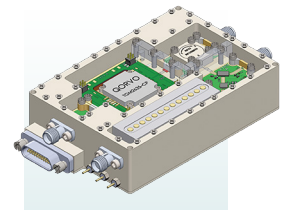
Connectorized Modules



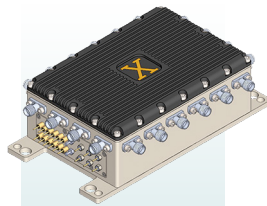
Hermetic Modules



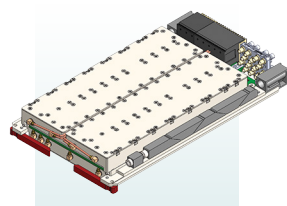
Quick-turn Prototypes



TxRx Modules



Benchtop Housing



OpenVPX

Quantic X-Microwave

Optimizing the RF and microwave design process from DC to 100 GHz by seamlessly merging simulation, prototyping and production.

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