



Seamless Harmony

Connectivity Solutions for the IoT That Work Smarter

QORVO
all around you

Live Smart with Qorvo®

[CLICK IMAGES BELOW TO LEARN MORE](#)

[LEARN ABOUT OUR TECHNOLOGY](#)

[DISCOVER MATTER](#)

Our Solutions Take Home Sweet Home to Home Sweet Genius

Develop connected products & devices for smart home automation, secure access and adaptive experiences with exciting technologies like Matter, Ultra-Wideband (UWB), Wi-Fi and Human Machine Interface (HMI) sensors

[GET PRECISE WITH UWB](#)

[CONNECT WITH WI-FI 7](#)

[ENABLE SMART SURFACES](#)

[EXPLORE OUR SENSORS](#)

[CONNECTIVITY APPLICATIONS](#)

BEST-IN-CLASS TECHNOLOGY

Faster connections, greater network capacity and scalability plus future-proofing for multi-vendor and multi-standard networks with our unique ConcurrentConnect™ technology

YOUR TRUSTED DESIGN PARTNER

From software to hardware, we deliver a comprehensive suite of end-to-end solutions to ease development and enable faster time to market

Our Technology

Seamless Connectivity.
It Matters.



Harness the power of Matter, combined with Ultra-Wideband accuracy and expansive Wi-Fi, to bring every corner of a home to life. Coupled with sensor technology that transforms touch, Qorvo is your one stop shop to craft the ultimate consumer IoT experience.

Where intelligence meets intuition.

MATTER

Multi-standard IoT development kits and controllers for home automation, access control, lighting and appliances

ULTRA-WIDEBAND

Hardware & software for context-based user interfaces and experiences within the home, robots and drones and wearables

WI-FI

Low power IoT controllers, integrated front-end modules, filters and switches for CPE, access points & routers, IoT networks and more

HMI SENSORS

Human Machine Interface discrete, integrated and hybrid sensors transform touch and enable next level intuitive user interfaces



Discover the magic of
ULTRA-WIDEBAND



Unleash New Possibilities

Unlock the potential with
Matter & Ultra-Wideband:
Your home, your rules



At the forefront of the smart home revolution, **Ultra-Wideband (UWB)** and the groundbreaking **Matter** protocol are here to transform the way we interact with technology. **Bring to life solutions and devices for a home that adapts and anticipates every need.**

Learn more about our development kits and evaluation boards. Our complete solutions help you build IoT gateway and connected devices with minimum development time.

IoT Dev Kit Pro
Multi-standard System using
QPG6105 and QPG7015M

IoT Dev Kit
Matter™ & Bluetooth® Low Energy
Connected Devices

DWM3000EVB
Ultra-Wideband (UWB) Module
Arduino Shield

RESOURCES

- [Learn How Matter Makes the IoT Secure](#)
- [Discover the Key Differentiators in Qorvo's IoT Products](#)
- [A Deep Dive into Matter](#)
- [Smart Lighting and Beyond](#)
- [Smart Lighting: How Engineers Can Navigate](#)
- [Building the Foundation of the Next Generation Home](#)
- [Qorvo Enables Development of IoT Solutions](#)
- [Ultra-Wideband Applications Brochure](#)

Seamless Smart Home Applications



DOOR LOCKS



ADAPTIVE LIGHTING



SMART SPEAKERS



HUBS & GATEWAYS



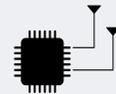
Seamless integration



Easy on-boarding
No smartphone needed



Maximum capacity,
range & reliability



Double the Matter reliability
and Zigbee range

Matter made easy with ConcurrentConnect™

Qorvo's ConcurrentConnect Multi-Channel capability enables simultaneous Zigbee Bridging and Thread Border Router on different channels



Seeing is believing... Watch ConcurrentConnect in action!

The possibilities are endless with Matter and Ultra-Wideband. Explore all our products & solutions that enable these applications and more.

Concurrent Matter-over-Thread
and Zigbee Bridging



Fueling the Smart Home

Seamless connectivity
and faster networks



Every corner of the smart home pulses with digital life. The heart of connectivity begins with the power of Wi-Fi 6E and 7, paving the way for an unparalleled experience. Our solutions form the backbone of seamless connectivity to ensure smart devices communicate flawlessly. [Delve deeper into the realm of limitless possibilities that Wi-Fi brings to a modern sanctuary with our Wi-Fi filters & front-end modules.](#)

5 GHz Wi-Fi 7 High-Power
Front End Module

5 GHz UNII2c-3
bandBoost™ Filter

Wi-Fi / IoT
Narrowband Filter

2.4 GHz Wi-Fi
edgeBoost™ Filter

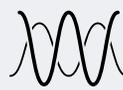
Wi-Fi innovation simplified with Qorvo's filter technology



Mitigate cross-over
interference



Improved capacity



Multi-band operation



Increased range

Filter the noise with edgeBoost™, bandBoost™ & coexBoost™

Learn how Qorvo's Wi-Fi filters solve three challenges in Wi-Fi systems to improve capacity, range and throughput performance while eliminating unexpected degradation

Applications for the Modern Sanctuary



ACCESS POINTS
& ROUTERS



EXTENDERS &
REPEATERS



MOBILE HANDSETS
& WEARABLES



SET-TOP BOXES

How will Wi-Fi 7 and Matter revolutionize the smart home?

We've got the answers in this video



Explore our wireless connectivity solutions which include some or all of the following primary functions: power amplifiers, low noise amplifiers (LNAs), switch solutions, filters (band-edge, cellular coexistence, harmonic, and out-of-band rejection), diplexers, power management and device matching

RESOURCES

- [Beyond the Mobile Phone: Designing Wi-Fi FEMS into AR/VR and IIoT](#)
- [In Wi-Fi Small is Beautiful: Innovation & Efficiency is Key](#)
- [Everything You Need to Know About Future Proofing Wi-Fi](#)
- [Solving the Challenge of Many Devices with Multiple Standards in the Connected Home](#)
- [Take Matter\[s\] into Your Own Hands: Design Solutions for the Ever-Evolving Smart Home](#)
- [BAW vs. SAW RF Filters](#)



Transform Touch

Evolved aesthetic, smart
& intuitive surfaces

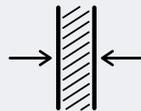


A new era dawns upon us, the seamless merging of technology with aesthetics. Building upon Wi-Fi connectivity's foundation, Matter, and UWB, we now introduce complimentary HMI sensors, redefining interaction with elegant IoT devices. [Discover how HMI sensors elevate the visual and interactive landscape of the smart home, blending functionality with sophistication.](#)

Touch sensing without boundaries



Any input



Any shape or thickness



Any material



Highest sensitivity in
smallest form factor

SENSING TYPES

- Smart surfaces
- Multi-level sensing
- Display XYZ sensing
- Press sensing
- Slide sensing
- Edge Sensing
- 3D Sensing
- Wake up Sensing

BENEFITS

- Innovative and aesthetically pleasing design
- Improved reliability and replacement cost reduction
- Better user experience (any input)
- Eliminates false actuations in capacitive touch surfaces (adds intent)
- Improved RF performance
- Extended battery life
- New levels of functionality
- True water and weather proofing

Seamless Interaction Applications



WHITE GOODS



LIGHT SWITCHES



CONSUMER PRODUCTS



HOME HUBS

Whether attached under a touch surface or a capacitive touch display, or as the side button of a smartphone or smartwatch, our sensors easily detect a user's input at multiple levels through any material, shape, and thickness.

[Mouse over the use cases below and see how our sensors innovate and elevate!](#)



Let's Work Together and Develop the Next Big Thing in IoT

To learn more about our Matter certified solutions, or order a dev kit, [visit our website](#). Start designing your next connected device with our Matter modules on [GitHub](#).

Connect with our technical community on the [Qorvo Forum](#).

Contact us at customer.support@qorvo.com and find out how our connectivity solutions fit into your IoT ecosystem