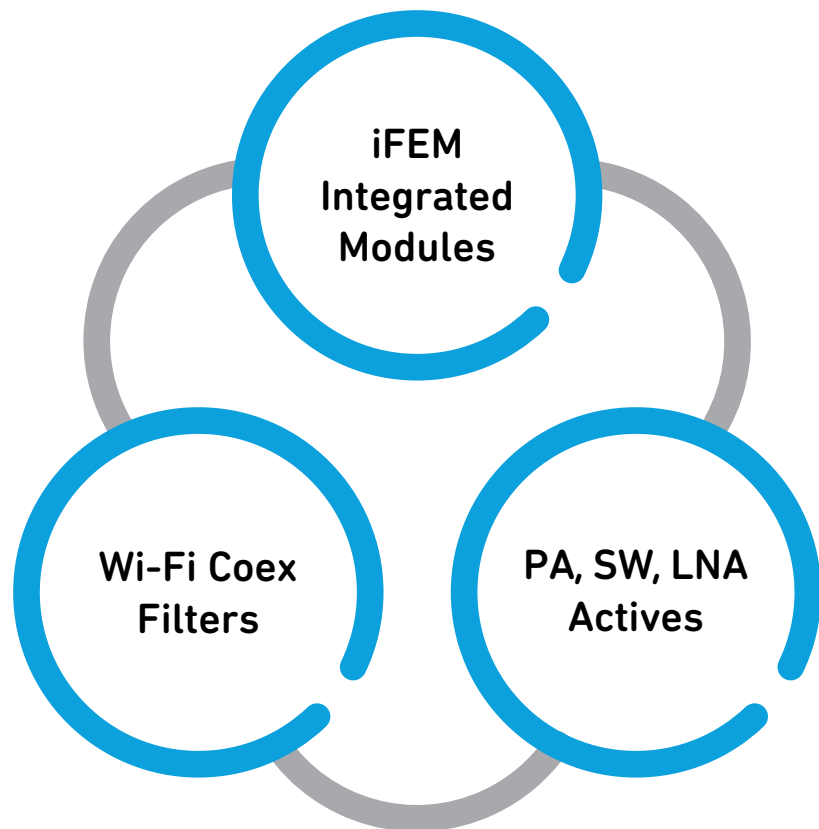


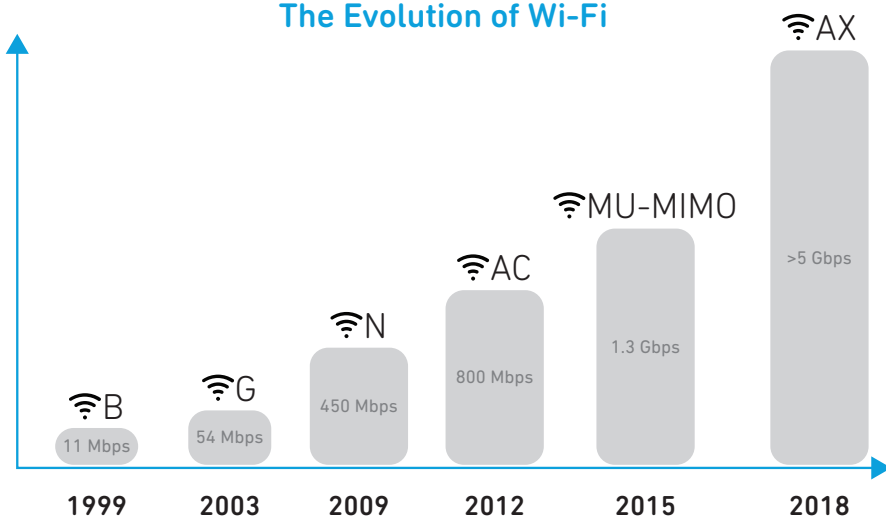
# Mobile Wi-Fi

RF Fusion™ iFEM, Front-End Modules and Discrete Filters



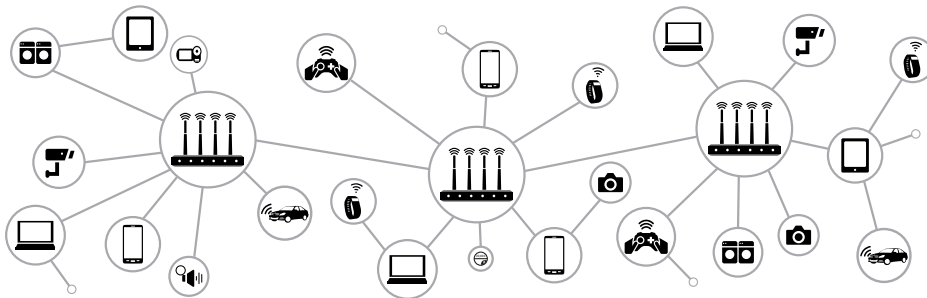
# Mobile Wi-Fi Solutions

## The Evolution of Wi-Fi

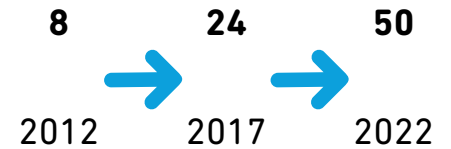


Wi-Fi throughput and complexity is increasing rapidly. To increase data throughput for upcoming 802.11ax, Wi-Fi chipsets require extremely low EVM floors, high power and low current. Qorvo addresses all of these needs with our iFEM, FEM and filter products.

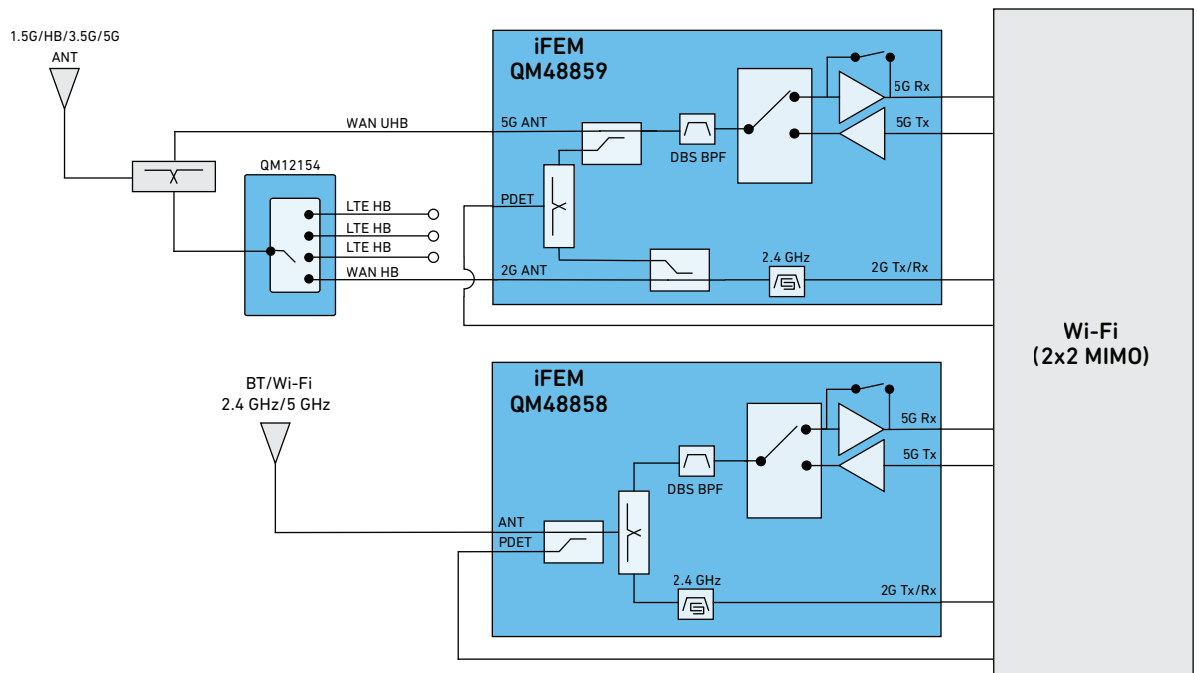
## Devices, Data and Apps Expanding Rapidly



## Devices Per Household



## Simplifying Complex Wi-Fi Connectivity Challenges



# Wi-Fi Solutions for a Rapidly Changing Landscape



LTE/Wi-Fi co-exist LowDrift™ BAW Filters



RF Fusion Wi-Fi modules to simplify OEM design



Strong chipset partner relationships



Deliver size reduction by leveraging Qorvo's filter, PA, LNA & package technologies



High performance 2.4 GHz and 5 GHz PA cores

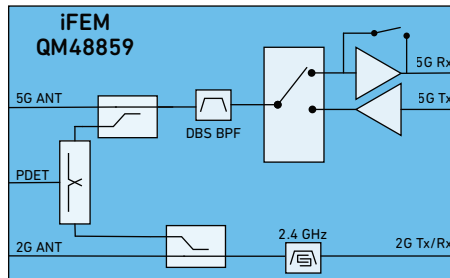
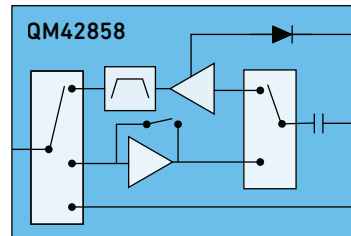
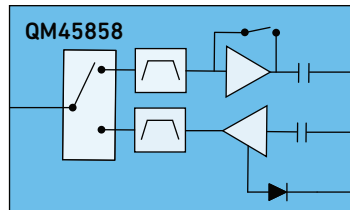


Speeding an OEM's time-to-market (TTM)

The Wi-Fi portfolio contains multiple, high performance iFEMs, FEMs and coexistence modules focused on differentiated performance through integration of Qorvo's leading technologies, such as NoDrift™ filters and advanced PA, LNA and switch technologies. These solutions address the rapid expansion of consumer and enterprise Wi-Fi, and solve challenges raised by 802.11 implementation such as the transition from 1x1 SISO to 2x2 MIMO and 802.11ax.

## Discrete Front-End Module

- PAs, LNAs and switches
- 2.4 GHz and 5 GHz
- 1x1 single input / single output

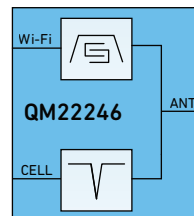


## Mobile Wi-Fi iFEM

- Integrated filters and actives
- Dual band 2x2 configuration
- 2x2 MIMO and 1x1 SISO solutions

## Wi-Fi Coexistence & LTE Extractor Filters

- Low insertion loss, high rejection
- Wi-Fi extractors for antenna sharing

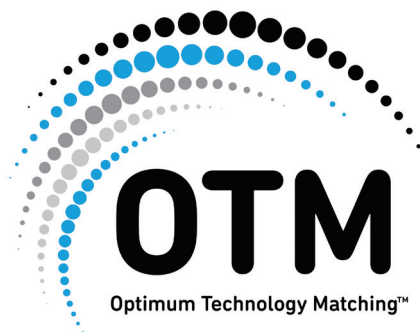


## RF Fusion iFEM, FEM and Filter Solutions

Function	Part Number	Description
2G+5G PA, SW, LNA, Wi-Fi Coex, Diplexer, Coupler	QM48184	RF Fusion iFEM Module
5G PA, SW, LNA, Wi-Fi Coex, Diplexer, Coupler	QM48858*	RF Fusion iFEM Module
5G PA, SW, LNA, Wi-Fi Coex, Diplexer, Coupler	QM48859*	RF Fusion Antenna Share iFEM Module
2G+5G PA, SW, LNA, Wi-Fi Coex, Diplexer, Coupler	QM48861**	RF Fusion iFEM Module
2G FEM	RFFM8216	Mid-Tier FEM
2G FEM	QM42858*	High-Tier FEM
5G FEM	RFFM8516	Mid-Tier FEM
5G FEM	QM45858*	High-Tier FEM
Wi-Fi Coexistence Filter	885067	Filter, Channels -13
Wi-Fi Coexistence Filter	885171	Filter, Channels -13
Wi-Fi Coexistence Filter	QM22245*	Filter, Channels -13
Wi-Fi Coexistence Filter	QM22247*	Filter, Channels -13
Wi-Fi Coexistence Filter	QM22248	Filter, Channels -13
Wi-Fi Coexistence Filter	QM22545**	Filter, Channels -13
Wi-Fi Coexistence Filter	QM22547**	Filter, Channels -13
Wi-Fi LTE Extractor Filter – B7, B38, B40, B41	885060	TDD LTE Filter, Channels 1-12
Wi-Fi LTE Extractor Filter – B7, B38, B40, B41	QM22246*	TDD LTE Filter, Channels 1-13

\* Latest Generation

\*\* 2nd Half 2017 Product



A strategic approach used by Qorvo engineers to match the appropriate process, device and package technology to ensure precision performance.