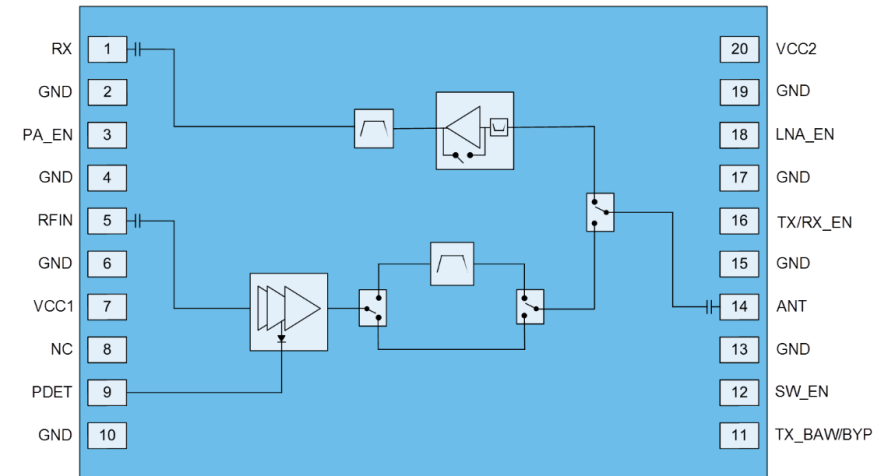


QPF7200

2.4GHz Wi-Fi BAW Integrated Front End Module (iFEM)

Features	Benefits
<ul style="list-style-type: none"> Integrates 2.4 GHz PA + Tx bypassable FCC bandedge filter + LNA w/ bypass + Rx LTE coexistence filter + DC P_{DET} 	<ul style="list-style-type: none"> Reduce RF BOM count by >25 components Shrink board design
<ul style="list-style-type: none"> P_{OUT}: +25dBm MCS7 HT20/40 at -30dB dynamic EVM 	<ul style="list-style-type: none"> Full power across all channels 1 through 11 Integrated BAW = No backoff to meet bandedge compliance Maximize high-throughput 11n coverage and range throughout the home
<ul style="list-style-type: none"> Gain: 36dB 	<ul style="list-style-type: none"> Reduces SoC required output power and associated system power consumption
<ul style="list-style-type: none"> 650mA 5V @ P_{OUT} 25dBm Optimized for 5V operation 	<ul style="list-style-type: none"> Less thermal compensation needs
<ul style="list-style-type: none"> Receive gain: 12dB Receive bypass loss: 8dB Noise figure: 2dB 5GHz rejection on Rx path: 45dB 	<ul style="list-style-type: none"> Rx immunity and coexistence with most OOB wireless interferers, LTE, 5GHz Increased Rx sensitivity Allows for optimal DBDC operation
<ul style="list-style-type: none"> Integrated DC power detector 	<ul style="list-style-type: none"> Ideal for closed loop systems and calibration ease
<ul style="list-style-type: none"> 8x5.5mm laminate package 	<ul style="list-style-type: none"> Compact form factor compared to 28 discrete placements



Ordering Information:

SAP #	Description
QPF7200SR	7" reel with 100 pcs
QPF7200TR7	7" reel with 2,500 pcs
QPF7200PCBA-410	Assembled evaluation board

