

Standard Portfolio

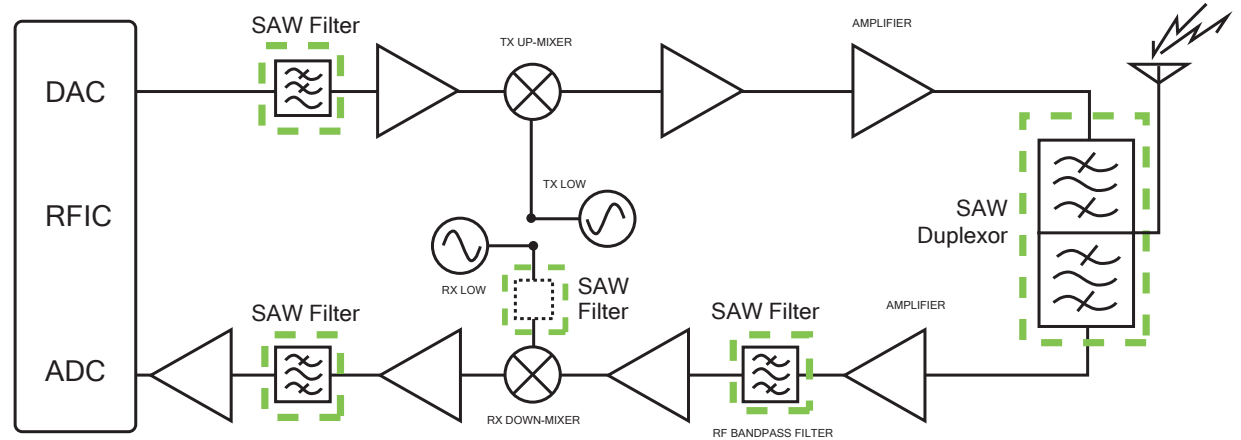
Unique Footprint for all Bands

Duplexers

- 2.5 x 2.0 mm
- 1.8 x 1.4 mm

Filters

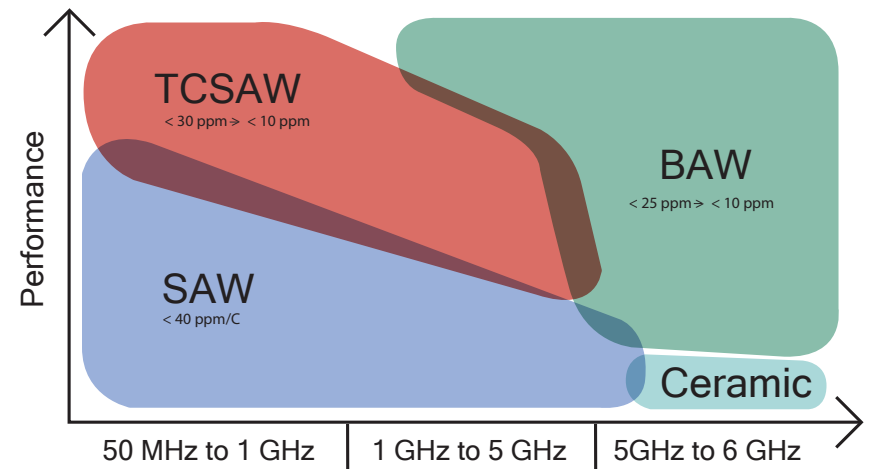
- 3.0 x 3.0 mm
- 1.4 x 1.1 mm



Macro/Small Cell Main Requirements

3GPP BS Categories and Rated Output Power

Home Base Station Power Rating <+ 20dBm <ul style="list-style-type: none"> • Indoor • Consumer Grade 	Femto Cell
Local Area Base Station - Power Rating <+ 24dBm <input checked="" type="checkbox"/> Enterprise Grade: ≤ 250mW <ul style="list-style-type: none"> • Indoor • Consumer or Industrial Grade <hr/> <input checked="" type="checkbox"/> Carrier Grade <ul style="list-style-type: none"> • Indoor & Outdoor • Industrial Grade 	Enterprise Small Cell Carrier Grade Low Power Small Cell
Medium Range Base Station - Power Rating <+38dBm <ul style="list-style-type: none"> • Outdoor • Base Station Grade 	Mid-Power Small Cell
Wide Area Base Station - Power Rating: Not Limited <input checked="" type="checkbox"/> Remote Radio Units, Massive MiMo, Active Antennas Systems/Arrays <ul style="list-style-type: none"> • Outdoor • Base Station Grade 	Macro Cell



Portfolio & Roadmap

Small Cell, Femto Cell & Base Station

FDD Duplexers

	Band	1	2	3	4	5	7	8	12/17
SIZE	2520	B8092 B8203 B8637	B8047	B8018	B8033	B8013	B8043	B8048	B8012
	1814	AT18			B8111	B8112	B8113		
	Band	13	14	17	20	26	28a	28b	66
SIZE	2520	B8005	B8039	B8017	B8030	AV10	B8035	B8036	B8038
	1814	B8114							

FDD Downlink Filters (SE)

	Band	1	2	3	4	5	7	8
SIZE	1411	B9622 B9451	B9619 B9477	B9639	B9615 B9451	B9612 B9439	B9628	B9630 B9449
	3030	B5377		B5330		B5351	B5122	B5182
	Band	12/17	13	14	20	25	28	66
SIZE	1411	B9620	B9638 B8317		B9631			B9642
	3030	B5346 B5124	B5116 B5344	B5117 B5341	B5131 B5307	B5142	B5199 B5325	B5358

FDD Uplink Filters (SE)

	Band	1	2	3/4/66	4	5	7	8	12/17
SIZE	1411	B9610	B9611	B9624	B9617	B9613	B9629 B9636	B9633	B9616
	3030	B5184 B5166	B5180	B5085 B5364		B5176	B5115	B5340	B5107
	Band	13	14	20	22	25	28	30	
SIZE	2520	B9627		B9632			B9644		
	1814	B5114	B5118	B5130	B5327	B5177	B5326 B5328	B5342	

TDD Filters (Post PA)

	Band	34 2010 - 2025MHz	39 1880- 1920MHz	40 2300- 2400MHz	40 2300- 2370MHz	40 2320- 2370MHz	41 2496- 2690MHz	41 2555- 2655MHz	42/42/48 3500- 3800MHz
SIZE	1411	B9626	B9643	B9628	B9635	B9637			
	1814			B8353	B8355			B8354	B9641
				AS47			B9680 B8352		