



RF360 Europe GmbH  
A Qualcomm – TDK Joint Venture

## SDST (SAW DEVICE SELECTION TABLE)

### SAW RF filter and resonator

Automotive Electronics

Automotive Applications: Remote Keyless Entry Systems  
Tire Pressure Monitoring Systems  
Automotive Telematics Applications  
GPS in Automotive Applications  
Digital Radio Applications

Non Automotive Applications: Garage Door Openers  
Wireless Switches & Smart Home Applications  
Smart Grid Applications  
Wireless Audio Applications  
Security and Alarm Systems  
Wireless Access & Tagging Systems  
Medical Applications

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**Narrowband Filter for ISM (high temperature stability)**

Center Frequency MHz	Type		Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Feature	DS link
169.5	B39171 <b>B3942</b> U310		0.20	1.9	5*5		<a href="#">B3942</a>
313.15			0.20	2.6			
314.00	B39311 <b>B3534</b> A410		0.20	2.7	3.8*3.8	Triplexer	<a href="#">B3534</a>
314.925			0.39	2.7			
313.15	B39311 <b>B3535</b> A410		0.20	2.3	3.8*3.8	Diplexer	<a href="#">B3535</a>
314.00			0.20	2.3			
313.15	B39311 <b>B3538</b> H110		0.18	2.6	3*3	Diplexer	<a href="#">B3538</a>
314.00			0.18	2.3			
313.85	B39314 <b>B3931</b> H110		0.76	2.3	3*3	Wide passband	<a href="#">B3931</a>
313.85	B39311 <b>B3768</b> Z810		0.36	1.9	3.8*3.8		<a href="#">B3768</a>
313.15	B39311 <b>B3955</b> H110	o	0.18	2.2	3*3	Comb filter	
314.00			0.18	2.2			
313.85	B39321 <b>B3787</b> A410		0.76	2.6	3.8*3.8	Comb filter	<a href="#">B3787</a>
315.00			0.36	2.7			
313.85	B39321 <b>B3958</b> H110	o	0.76	2.6	3*3	Comb filter	
315.00			0.36	2.7			
314.45	B39311 <b>B3950</b> H110		1.10	2.2	3*3		<a href="#">B3950</a>
314.45	B39311 <b>B3784</b> Z810		1.10	1.9	3.8*3.8		<a href="#">B3784</a>
314.90	B39311 <b>B3739</b> H110		0.36	2.3	3*3		<a href="#">B3739</a>
315.00	B39321 <b>B3741</b> H110		0.36	2.1	3*3		<a href="#">B3741</a>
315.00	B39321 <b>B3761</b> Z810		0.36	1.9	3.8*3.8		<a href="#">B3761</a>
315.00	B39321 <b>B3781</b> Z810		0.55	1.7	3.8*3.8		<a href="#">B3781</a>
315.00	B39321 <b>B3783</b> Z810		1.10	1.9	3.8*3.8		<a href="#">B3783</a>
400.00	B39401 <b>B3742</b> H110		0.25	2.3	3*3		<a href="#">B3742</a>
426.08	B39431 <b>B3770</b> Z810		0.15	2.0	3.8*3.8		<a href="#">B3770</a>
433.20			0.18	2.8			
433.92	B39431 <b>B3532</b> A410		0.26	2.9	3.8*3.8	Triplexer	<a href="#">B3532</a>
434.64			0.18	2.9			
433.20	B39431 <b>B3537</b> H110		0.18	2.3	3*3	Diplexer	<a href="#">B3537</a>
434.64			0.18	2.3			
433.20	B39431 <b>B3533</b> A410		0.18	2.3	3.8*3.8	Diplexer	<a href="#">B3533</a>
434.64			0.18	2.4			
433.42	B39431 <b>B3735</b> H110		0.36	2.1	3*3		<a href="#">B3735</a>
433.42	B39431 <b>B3791</b> Z810		0.24	3.8	3.8*3.8	external coupling coil; high ultimate rejection	<a href="#">B3791</a>
433.58	B39431 <b>B3536</b> A410		0.30	2.5	3.8*3.8	Diplexer	<a href="#">B3536</a>
434.30			0.30	2.6			
433.60	B39431 <b>B3953</b> H110		0.6	2.1	3*3		<a href="#">B3953</a>
433.92	in dev.	new	0.36	0.6-1.2	2.5*2.0		
433.92	B3301	new	0.34	1.9	3*3	2-5 pinning	<a href="#">B3301</a>
433.92	B39431 <b>B3732</b> H110		0.36	2.4	3*3	high selectivity at fc-2 MHz	<a href="#">B3732</a>
433.92	B39431 <b>B3743</b> H110		0.34	1.9	3*3	low insertion attenuation	<a href="#">B3743</a>
433.92	B39431 <b>B3760</b> Z810		0.36	1.9	3.8*3.8		<a href="#">B3760</a>
433.92	B39431 <b>B3774</b> Z810		0.36	2.4	3.8*3.8	high selectivity at fc-2 MHz	<a href="#">B3774</a>
433.92	B39431 <b>B3790</b> Z810		0.12	3.6	3.8*3.8	external coupling coil; high ultimate rejection	<a href="#">B3790</a>
433.92	B39431 <b>B3780</b> Z810		0.55	2.0	3.8*3.8		<a href="#">B3780</a>
433.92	B39431 <b>B3782</b> Z810		1.10	2.2	3.8*3.8	high usable bandwidth	<a href="#">B3782</a>
433.92	B39431 <b>B3951</b> H110		1.10	2.2	3*3		<a href="#">B3951</a>

o: obsolete (not for new designs)

**Narrowband Filter for ISM (high temperature stability)**

Center Frequency MHz	Type	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Feature	DS link
433.92	B39431 <b>B3933</b> H110	0.12	3.1	3*3	high nearby rejection	<a href="#">B3933</a>
433.92	B39431 <b>B3935</b> H110	1.06	2.2	3*3	high usable bandwidth	<a href="#">B3935</a>
433.92	B39431 <b>B3936</b> H110	0.55	2.2	3*3		<a href="#">B3936</a>
434.17	B39431 <b>B3932</b> H110	0.78	2.4	3*3		<a href="#">B3932</a>
434.42	B39431 <b>B3733</b> H110	0.36	2.1	3*3	high selectivity at fc-2 MHz	<a href="#">B3733</a>
434.42	B39431 <b>B3748</b> H110	0.36	1.9	3*3		<a href="#">B3748</a>
868.30	B39871 <b>B3734</b> H110	0.30	3.2	3*3	high RFID rejection	<a href="#">B3734</a>
868.30	B39871 <b>B3744</b> H110	0.60	3.0	3*3		<a href="#">B3744</a>
868.60	B39871 <b>B3746</b> H110	1.20	2.6	3*3		<a href="#">B3746</a>
868.95	B39871 <b>B3941</b> H110	0.50	3.2	3*3		<a href="#">B3941</a>
869.30	B39871 <b>B3749</b> H110	1.40	2.7	3*3		<a href="#">B3749</a>
902.875	B39901 <b>B3934</b> H110	1.55	2.4	3*3		<a href="#">B3934</a>
916.50	B39921 <b>B3300</b> H110	1.20	2.7	3*3		<a href="#">B3300</a>
921.42	B39921 <b>B3949</b> H110	0.30	3.4	3*3	Z-Wave	<a href="#">B3949</a>
924.15	B39921 <b>B3419</b> U410	7.10	2.0	3*3	low IL; low amplitude ripple	<a href="#">B3419</a>
928.35	B39931 <b>B3758</b> H110	0.50	3.6	3*3		<a href="#">B3758</a>

o: obsolete (not for new designs)

**Wideband Filter for ISM**

Center Frequency MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Feature	DS link
313.60	B39311B3403H110		3.3	1.5	3*3	50Ω; pinning 1-4	<a href="#">B3403</a>
313.85	B39311B3713U410		0.60	1.7	3*3	50Ω	<a href="#">B3713</a>
313.85	B39311B3729H110		1.0	1.5	3*3	50Ω; pinning 1-4	<a href="#">B3729</a>
314.35	B39311B3714U410		0.60	1.9	3*3	50Ω	<a href="#">B3714</a>
314.45	B39182B2607P810	new	1.3	1.1	1.8*1.4	Filter with focus on harmonics suppression and very low IL	<a href="#">B2607</a>
315.00	B39321B3719H110		1.0	1.4	3*3	50Ω; pinning 1-4	<a href="#">B3719</a>
315.00	B39321B3722U410		1.0	1.5	3*3	50Ω	<a href="#">B3722</a>
315.00	B39321B3905U510		1.0	1.3	3*3	50Ω se/200Ω bal	<a href="#">B3905</a>
345.00	B39351B3408U410		0.8	2.5	3*3	50Ω	<a href="#">B3408</a>
428.00	B39431B3411U410		16.0	2.0	3*3	50Ω	<a href="#">B3411</a>
433.92	B39182B2608P810	new	1.3	1.1	1.8*1.4	Filter with focus on harmonics suppression and very low IL	<a href="#">B2608</a>
433.92	B39431B3710U410		1.7	2.0	3*3	50Ω	<a href="#">B3710</a>
433.92	B39431B3721U410		1.6	2.6	3*3	50Ω; high selectivity	<a href="#">B3721</a>
433.92	B39431B3727H110		1.7	2.8	3*3	50 Ω, pinning 1-4, high nearby rejection	<a href="#">B3727</a>
433.92	B39431B3900U410		0.4	1.2	3*3	50Ω	<a href="#">B3900</a>
433.92	B39431B3925U410		0.4	1.7	3*3	50Ω; high nearby rejection	<a href="#">B3925</a>
433.92	B39431B3402H110		0.3	1.7	3*3	50Ω; pinning 1-4	<a href="#">B3402</a>
447.70	B39451B3907U410		1.6	3.0	3*3	50Ω	<a href="#">B3907</a>
454.50	B39451B3422U410		2.0	2.8	3*3	50Ω	<a href="#">B3422</a>
480.00	B39481B3427U410	special	20.0	1.7	3*3	Rx co-design with Tx B3426 for duplexing	<a href="#">B3427</a>
505.00	B39511B3426U410	special	10.0	1.7	3*3	Tx co-design with Rx B3427 for duplexing	<a href="#">B3426</a>
480 / 505	in dev.	new	20 / 10	2.0 / 2.0	2.5*2.0	Duplexer	
760.00	B39761B3445U510	special	8.3	2.3	3*3	50Ω; High out-of-band attenuation; Temperature compensation	<a href="#">B3445</a>
760.00	B39761B3928U510		8.3	3.0	3*3	50Ω se/100Ω bal	<a href="#">B3928</a>
845.00	B39851B3438U410		12.0	1.4	3*3	high power for smart metering	<a href="#">B3438</a>
866.50	B39871B4377P810		7.0	2.3	1.4*1.1	improved LSB attenuation; small size	<a href="#">B4377</a>
866.50	B39871B3420U410	o	7.0	1.8	3*3	high power durability	
866.50	B39871B3717U410		7.0	2.2	3*3	50Ω	<a href="#">B3717</a>
866.80	B39871B3441U410	special	2.4	3.4	3*3	50Ω; high nearby rejection Temperature compensation	
869.00	in dev.	special new	2.0	2.7	3*3	very high attenuation up to 70dB Temperature compensation, no AEC-Q200	
869.00	B39871B2600P810		14.0	1.6	1.4*1.1	Low-loss RF filter for smart metering	<a href="#">B2600</a>
869.00	B39871B3430U410		10.0	2.0	3*3	Low-loss RF filter for smart metering	<a href="#">B3430</a>
869.00	B39871B4365P810	special	2.0	2.5	1.4*1.1	no AEC-Q200; Temperature compensation	<a href="#">B4365</a>
869.00	B39871B3440U410	special	2.0	2.6	3*3	50Ω improved LTE suppr. Temperature compensation	<a href="#">B3440</a>
869.00	B39871B3725U410		2.0	2.5	3*3	50Ω; high nearby rejection	<a href="#">B3725</a>
869.00	B39871B3903U510		2.0	1.4	3*3	50Ω se/200Ω bal	<a href="#">B3903</a>
869.00	B39871B4316P810		2.0	2.0	1.4*1.1	50Ω; small size	<a href="#">B4316</a>
869.00	in dev.	new	2.0	1.9	1.4*1.1	no AEC-Q200, for indoor application	
869.00	in dev.	new	2.0	2.7	1.4*1.1	50Ω; small size	
872.00	B39871B3443U410	special	8.0	3.0	3*3	50Ω; extended passband Temp. Comp.	<a href="#">B3443</a>
908.50	B39911B3429U410		13.0	2.0	3*3	steep righ skirt Rx co-design with B3433 for duplexing	<a href="#">B3429</a>
915.00	B39921B3434U410	new	10.0	2.2	3*3	steep righ skirt	<a href="#">B3434</a>
915.00	B39921B3726U410		10.0	2.6	3*3	50Ω	<a href="#">B3726</a>
915.00	B39921B3435U410		12.0	1.6	3*3	low IL; se/bal	<a href="#">B3435</a>
915.00	B39921B4379U810		26.0	1.9	1.1*0.9	small size	<a href="#">B4379</a>
915.00	B39921B4301F210		26.0	1.5	1.4*1.1	50Ω; small size	<a href="#">B4301</a>
915.00	B39921B4344P810		26.0	2.8	1.4*1.1	50Ω; small size	<a href="#">B4344</a>
915.00	B39921B2672P810		26.0	1.1	1.4*1.1	no AEC-Q200, for indoor application	<a href="#">B2672</a>
915.00	B39921B3728U410		26.0	2.2	3*3	50Ω	<a href="#">B3728</a>
915.00	B39921B4317P810		26.0	1.7	1.4*1.1	50Ω se/200Ω bal	<a href="#">B4317</a>
915.00	B2625	new	26.0	1.7	1.4*1.1	50Ω	<a href="#">B2625</a>

o: obsolete (not for new designs)

**Wideband Filter for ISM**

Center Frequency MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Feature	DS link
915.00	B39921 <b>B2671</b> P810	new	26.0	1.5	1.1*0.9	no AEC-Q200, for indoor application	<a href="#">B2671</a>
915.70	B39921 <b>B3432</b> U410		5.8	0.6	3*3	50Ω; low IL 0.9dB max	<a href="#">B3432</a>
916.00	B39921 <b>B3718</b> U410		3.5	2.4	3*3	50Ω	<a href="#">B3718</a>
921.50	B39921 <b>B2615</b> P810	new	13.0	1.4	1.4*1.1	50Ω	<a href="#">B2615</a>
922.50	B39921 <b>B2619</b> P810	new	5.0	1.4	1.4*1.1	50Ω	<a href="#">B2619</a>
922.50	B39921 <b>B3407</b> U410		5.0	1.5	3*3	50Ω	<a href="#">B3407</a>
924.50	B39921 <b>B2616</b> P810	new	5.0	2.1	1.4*1.1	50Ω	<a href="#">B2616</a>
925.00	B39931 <b>B3446</b> U410	special	4.0	2.0	3*3	50Ω; Temperature compensation	<a href="#">B3446</a>
925.00	B39931 <b>B3919</b> U410		3.2	1.4	3*3	50Ω	<a href="#">B3919</a>
925.15	B39931 <b>B4336</b> P810		5.9	1.7	1.4*1.1	50Ω	<a href="#">B4336</a>
925.20	B39931 <b>B3926</b> U410		5.8	1.4	3*3	50Ω	<a href="#">B3926</a>
925.50	B39931 <b>B3433</b> U410	special	5.0	2.2	3*3	50Ω; Tx co-design with B3429 for Duplexing	<a href="#">B3433</a>
925.80	B39931 <b>B3916</b> U410		4.6	0.6	3*3	50Ω; low IL 0.9dB max	<a href="#">B3916</a>
925.80	B39931 <b>B3921</b> U410		4.6	1.6	3*3	50Ω; high selectivity	<a href="#">B3921</a>
2441.75	B39242 <b>B4347</b> P810		83.5	1.7	1.4*1.1	50Ω; Wifi filter with high suppression at SDARS	<a href="#">B4347</a>
2441.75	B39242 <b>B3918</b> U410		83.5	1.9	3*3	50Ω; Wifi filter with high suppression at SDARS	<a href="#">B3918</a>
2441.75	B39242 <b>B4360</b> P810		83.5	2.1	1.1*0.9	50Ω	<a href="#">B4360</a>
2442.00	B39242 <b>B4346</b> P810	special	79.0	1.9	1.4*1.1	50Ω BAW	<a href="#">Sales</a>
2442.00	B39242 <b>B2614</b> P810	ewspecial	79.0	1.2-1.5	1.1*0.9	50Ω BAW	<a href="#">Sales</a>
2448.50	B39242 <b>B3912</b> U410		97.0	1.7	3*3	50Ω	<a href="#">B3912</a>

o: obsolete (not for new designs)

**Filter for GNSS**

Start Freq MHz	Stop Freq MHz	Center Freq MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Application	DS link
1166.22	1249.14	1207.5	B39122B2627P810	new	82.92	1.9-2.6	1.1*0.9	GNSS L5+E5+G3+L2+G2	<a href="#">Sales</a>
1166.45	1186.45	1176.45	B39122B3452U410		20	1.3	3*3	GNSS E5a (QZSS L5)	<a href="#">Sales</a>
1196	1250	1223	B39122B3596U410		54	2.0	3*3	GNSS E5b+G3+L2+G2; High selectivity; Low GDR; Dashboard	<a href="#">Sales</a>
1197	1249	1223	in dev.	new	52	1.0-1.3	1.1*0.9	GNSS E5b+G3+L2+G2; Low GDR; Low IA	<a href="#">Sales</a>
1197	1249	1223	B39122B2620P810	new	52	1.1-1.5	1.4*1.1	GNSS E5b+G3+L2+G2; Low GDR; High Att.	<a href="#">Sales</a>
1215	1254	1234.5	B39122B3439U410	new	39	1.5	3*3	GNSS L2+G2	<a href="#">Sales</a>
1273.75	1283.75	1278.75	B39132B3428U410		10	1.5	3*3	GNSS E6 (QZSS L6)	<a href="#">Sales</a>
1525	1559	1542.00	B39152B3421U410		34	1.4	3*3	GNSS L	<a href="#">B3421</a>
1525	1605.9	1565.50	in dev.	new	80.9	1.2-1.5	1.4*1.1	GNSS L+L1+E1+G1+B1; Low GDR; Low IA	
1525	1606	1565.50	B39232B3424U410		81	2.0	3*3	GNSS L+L1+E1+G1+B1 Low GDR; Dashboard	<a href="#">Sales</a>
1559	1582.5	1606	B2631	new	7	1.1	1.4*1.1	GNSS L1+E1+G1+B1 low GDR; Low IA	<a href="#">B2631</a>
1559	1616	1588.00	B39162B3412U410		57	1.8	3*3	GPS/Galileo/Glonass/BeiDou	<a href="#">B3412</a>
1559	1616	1587.50	B39162B3413U410		57	2.0	3*3	GPS/Galileo/Glonass/BeiDou improved ESD robustness	<a href="#">B3413</a>
1559	1606	1582.50	B39162B3415U410		47	2.0	3*3	GPS/Galileo/Glonass/BeiDou High att. at 1450 to 1525 MHz	<a href="#">B3415</a>
1559	1605.7	1582.35	B39163B3431B710		46.7	1.3-1.6	2.5*2	GPS/Galileo/Glonass/BeiDou	<a href="#">B3431</a>
1559.05	1605.89	1582.47	B39162B2617P810		46.8	0.8-1.4	1.4*1.1	GPS/Galileo/Glonass/BeiDou 50Ωse/100Ωbal; Low GDR	<a href="#">B2617</a>
1559.05	1605.89	1582.47	B39162B2618P810		46.8	1.4	1.1*0.9	GPS/Galileo/Glonass/BeiDou Out of Band selec.; post LNA	<a href="#">B2618</a>
1559.05	1605.89	1582.47	B39162B2611P810		46.8	0.9	1.1*0.9	GPS/Galileo/Glonass/BeiDou small size; low IL; pre LNA	<a href="#">B2611</a>
1559.05	1605.66	1582.40	B39162B4327P810	o	46.61	1.4	1.4*1.1	GPS/Galileo/Glonass/BeiDou	
1559.05	1605.89	1582.47	B39162B4348P810		46.8	0.8	1.4*1.1	GPS/Galileo/Glonass/BeiDou; Top =105C	<a href="#">B4348</a>
1559.05	1605.66	1582.40	B39162B4353P810		46.61	1.0-1.5	1.4*1.1	GPS/Galileo/Glonass/BeiDou; Top =125C	<a href="#">B4353</a>
1560	1606	1583.00	B39162B3423U410		46	2.0	3*3	GNSS L1+E1+G1+B1 High selectivity; Low GDR; Dashboard	<a href="#">B3423</a>
1560	1616	1588.00	B39162B3913U410		56	2.0	3*3	GPS/Galileo/Glonass/BeiDou	<a href="#">B3913</a>
1565	1606	1585.50	B39162B3519U410		41	1.9	3*3	GPS/Galileo/Glonass	<a href="#">B3519</a>
1565.42	1605.89	1585.60	B39162B3414U510		40.47	2.1	3*3	GPS/Galileo/Glonass 50Ωse/100Ωbal; High att. at 1625 MHz	<a href="#">B3414</a>
1571.42	1605.89	1588.65	B39162B3401B710		34.47	1.6	2*2.5	GPS/Galileo/Glonass	<a href="#">B3401</a>
1572.42	1578.42	1575.42	B39162B3524B710		6.0	1.4	2.5*2	GPS/Galileo; 50Ωse/50Ωse	<a href="#">B3524</a>
1572.42	1578.42	1575.42	B39162B3525U510	o	6.0	2.8	3*3	GPS/Galileo 50Ωse/100Ωbal; high selectivity; post LNA	
1572.42	1578.42	1575.42	B39162B3923U410		6.0	1.3	3*3	GPS/Galileo; low IA; pre LNA	<a href="#">B3923</a>
1573.42	1605.89	1588.655	B39162B4310P810		34.47	1.5	1.4*1.1	GPS/Galileo/Glonass; Low IA; pre LNA	<a href="#">B4310</a>
1573.42	1605.89	1588.655	B39162B4313P810		34.47	1.6	1.4*1.1	GPS/Galileo/Glonass 50Ωse/100Ωbal; high selectivity; post LNA	<a href="#">B4313</a>
1573.92	1576.92	1575.42	B39162B4300F210		3.0	1.2	1.4*1.1	GPS/Galileo; low IA	<a href="#">B4300</a>
1574.4	1576.44	1575.42	B39162B3400U410		2.0	2.3	3*3	GPS/Galileo; High nearby rejection	<a href="#">B3400</a>
1574.42	1576.42	1575.42	B39162B3528U510		2.0	1.2	3*3	GPS/Galileo; 50Ωse/100Ωbal; low IA	<a href="#">B3528</a>
1574.42	1576.42	1575.42	B39162B4308P810		2.0	1.3	1.4*1.1	GPS/Galileo; 50Ωse/100Ωbal; low IA	<a href="#">B4308</a>

**Diplexer / Comb filter**

Start Freq MHz	Stop Freq MHz	Center Freq MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Application	DS link
1164	1218	1191	B39162B3504U410	new	54	2.0	3*3	GNSS L1+E1+G1+B1 / L5+E5+G3 comb filter	<a href="#">Sales</a>
1559	1606	1582.5	in dev.	new	47	2.7	3*3	GNSS L1+E1+G1+B1 / L5+E5+G3+L2 comb filter; High Attenuation; Low GDR	<a href="#">Sales</a>
1166.22	1186.68	1176.45	in dev.	new	20.46	1.6	3*3	GNSS L1+E1+G1+B1 / L5+E5a comb Filter; Low GDR	<a href="#">Sales</a>
1196	1250	1223	B3436	new	54	2.0	3*3	GNSS L1+E1+G1+B1 / E5b+G3+L2+G2 comb Filter; Low GDR	<a href="#">Sales</a>
1559	1606	1582.5	B39162B2621P810	new	53	2.7	1.5*1.1	GNSS L+L1+E1+G1+B1 / E5b+G3+L2+G2 comb filter; Low GDR	<a href="#">Sales</a>
1196	1249	1222.5	in dev.	new	81	3.1	1.5*1.1	GNSS L1+E1+G1+B1 / E5b+G3+L2+G2 diplexer; Low GDR; high Attenuation	<a href="#">Sales</a>
1525	1606	1565.5	in dev.	new	52	1.6-2.2	1.5*1.1	GNSS L1+E1+G1+B1 / E5b+G3+L2+G2 diplexer	<a href="#">Sales</a>
1570	1580	1575	B39162B3518H910	o	47	1.4-2.2	1.5*1.1	GNSS L1+E1+G1+B1 / E5b+G3+L2+G2 diplexer	<a href="#">Sales</a>
1570	1580	1575	B39162B3518H910	o	10	3.8	3*2.5	GPS/Glonass diplexer	<a href="#">Sales</a>
1597	1607	1602	B39162B3518H910	o	10	3.6	3*2.5	GPS/Glonass diplexer	<a href="#">Sales</a>

o: obsolete (not for new designs)



**Filter for GNSS**

Start Freq MHz	Stop Freq MHz	Center Freq MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Application	DS link
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**Extractor / Band Stop filter**

Start Freq MHz	Stop Freq MHz	Center Freq MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Application	DS link
1574.42	1605.89	see DS	B39162B4322P810		see DS	1.6 - 1.8	2*1.6	GPS/Glonass extractor GPS/Glonass bal / Non-GPS/Glonass se	<a href="#">Sales</a>
1574.42	1605.89	see DS	B39162B3405H910		see DS	1.9 - 3.4	3*2.5	GPS/Glonass extractor	<a href="#">Sales</a>
1559.05	1605.89	see DS	B39162B3478H910	new	see DS	1.6 - 2.6	3*2.5	GPS/Glonass/Beidou extractor	<a href="#">Sales</a>
1565.42	1605.89	see DS	B39162B4340P810	new	see DS	1.6 - 2.4	2*1.6	GPS/Glonass/Beidou extractor	<a href="#">Sales</a>
1559.05	1605.89	see DS	B39162B4368P810	new	see DS	1.8 - 2.2	2*1.6	GPS/Glonass/Beidou extractor	<a href="#">Sales</a>
1572.42	1578.42	1575.42	B39162B3470H910	new	6	0.65 - 1.9	3*2.5	GPS band stop filter	<a href="#">Sales</a>

o: obsolete (not for new designs)



**Filter and Duplexer for Telematics Communication (se/se; 50Ω/50Ω)**

Band	Function	Remark	Center Frequency MHz	Type	Package size mm*mm	Feature	DS link
1	Duplexer		1950/2140	B39212 <b>B4425</b> P810	2.0*1.6	Improved isolation	<a href="#">B4425</a>
	(D)Rx filter		2140	B39212 <b>B4358</b> P810	1.4*1.1		<a href="#">B4358</a>
	(D)Rx filter		2140	B39212 <b>B4359</b> P810	1.4*1.1	High isolation next to skirt on Tx side	<a href="#">B4359</a>
2	Tx filter		1950	B39202 <b>B4309</b> P810	1.4*1.1		<a href="#">B4309</a>
	Duplexer		1880/1960	B39202 <b>B4431</b> P810	1.8*1.4		<a href="#">B4431</a>
	(D)Rx filter		1960	B39202 <b>B4366</b> P810	1.4*1.1		<a href="#">B4366</a>
3	Tx filter		1880	B39192 <b>B4315</b> P810	1.4*1.1		<a href="#">B4315</a>
	Duplexer		1747.5/1842.5	B39182 <b>B4421</b> P810	1.8*1.4		<a href="#">B4421</a>
	(D)Rx filter	special	1842.5	B39182 <b>B4361</b> P810	1.4*1.1	Temperature compensation	<a href="#">B4361</a>
4	Tx filter		1747.5	B39172 <b>B4331</b> P810	1.4*1.1		<a href="#">B4331</a>
	Duplexer		1732.5/2132.5	B39212 <b>B4424</b> P810	2.0*1.6		<a href="#">B4424</a>
	(D)Rx filter		2140	B39212 <b>B4358</b> P810	1.4*1.1		<a href="#">B4358</a>
5	Tx filter		1732.5	B39172 <b>B4307</b> F210	1.4*1.1		<a href="#">B4307</a>
	Duplexer		836.5/881.5	B39881 <b>B4422</b> P810	2.0*1.6		<a href="#">B4422</a>
	(D)Rx filter		881.5	B39881 <b>B4362</b> P810	1.4*1.1		<a href="#">B4362</a>
5/26	Tx filter		836.5	B39841 <b>B4311</b> P810	1.4*1.1		<a href="#">B4311</a>
	(D)Rx filter		876.5	B39781 <b>B2601</b> P810	1.1*0.9	small size	<a href="#">B2601</a>
	Duplexer		2535/2655	B39272 <b>B4418</b> P810	2.0*1.6		<a href="#">B4418</a>
7	(D)Rx filter		2655	B39272 <b>B2602</b> P810	1.1*0.9	small size	<a href="#">B2602</a>
	(D)Rx filter		2655	B39272 <b>B4357</b> P810	1.4*1.1		<a href="#">B4357</a>
	Tx filter		2535	B39252 <b>B4332</b> P810	1.4*1.1		<a href="#">B4332</a>
8	Duplexer		897.5/942.5	B39941 <b>B4432</b> P810	2.0*1.6		<a href="#">B4432</a>
	(D)Rx filter		942.5	B39941 <b>B2606</b> P810	1.1*0.9	small size	<a href="#">B2606</a>
	(D)Rx filter	special	942.5	B39941 <b>B4356</b> P810	1.4*1.1	B20 co-design, Temperature compensation	<a href="#">B4356</a>
	(D)Rx filter		942.5	B39941 <b>B4363</b> P810	1.4*1.1		<a href="#">B4363</a>
	Tx filter		897.5	B39901 <b>B4330</b> P810	1.4*1.1		<a href="#">B4330</a>
	Duplexer	new	1438/1486	in dev.	2.0*1.6		
11/21	(D)Rx filter	new	1493.4	in dev.	1.1*0.9		
12/17	Duplexer		707/742	B39741 <b>B4414</b> P810	2.0*1.6	including B13 Rx	<a href="#">B4414</a>
	Duplexer		707.5/737.5	B39741 <b>B4423</b> P810	2.0*1.6		<a href="#">B4423</a>
	(D)Rx filter		737	B39731 <b>B2609</b> P810	1.1*0.9	small size	<a href="#">B2609</a>
	(D)Rx filter		737	B39741 <b>B4339</b> P810	1.4*1.1		<a href="#">B4339</a>
	Tx filter		707	B39711 <b>B4337</b> P810	1.4*1.1		<a href="#">B4337</a>
	Duplexer		782/751	B39871 <b>B4420</b> P810	2.0*1.6		<a href="#">B4420</a>
13	(D)Rx filter		751	B39751 <b>B4354</b> P810	1.4*1.1		<a href="#">B4354</a>
	(D)Rx filter		751	B39751 <b>B2613</b> P810	1.1*0.9		<a href="#">B2613</a>
	Tx filter		782	B39781 <b>B4378</b> P810	2.0*1.6	High power durability (29dBm)	<a href="#">B4378</a>
	Tx filter		782	B39781 <b>B4319</b> P810	1.4*1.1		<a href="#">B4319</a>
	(D)Rx filter		742.5	B39741 <b>B2605</b> P810	1.4*1.1		<a href="#">B2605</a>
	Tx filter		787.5	B39791 <b>B4341</b> P810	1.4*1.1		<a href="#">B4341</a>
14	Duplexer	new	793	in dev.	1.8*1.4		
	(D)Rx filter	new	763	B39761 <b>B2626</b> P810	1.1*0.9		<a href="#">B2626</a>
	Duplexer		847/806	B39851 <b>B4428</b> P810	2.0*1.6		<a href="#">B4428</a>
20	(D)Rx filter	new	806	in dev.	1.1*1.4		
	(D)Rx filter	special	806	B39811 <b>B4355</b> P810	1.4*1.1	B8 co-design, Temperature compensation	<a href="#">B4355</a>
	(D)Rx filter		806	B39811 <b>B4369</b> P810	1.4*1.1		<a href="#">B4369</a>
	Tx filter		847	B39851 <b>B4320</b> P810	1.4*1.1		<a href="#">B4320</a>
	Duplexer		1455.4/1503.4	B39152 <b>B4429</b> P810	2.0*1.6		<a href="#">B4429</a>
	(D)Rx filter		1503.4	B39152 <b>B4374</b> P810	1.4*1.1		<a href="#">B4374</a>
26	Duplexer		831.5/876.5	B39871 <b>B4430</b> P810	2.0*1.6		<a href="#">B4430</a>
	(D)Rx filter		876.5	B39871 <b>B4376</b> P810	1.4*1.1		<a href="#">B4376</a>
28	Duplexer lower		718/773	B39771 <b>B4426</b> P810	2.0*1.6		<a href="#">B4426</a>
	Duplexer upper		733/788	B39791 <b>B4427</b> P810	2.0*1.6		<a href="#">B4427</a>
	(D)Rx filter	special	780.5	B39781 <b>B4373</b> P810	1.4*1.1	Temperature compensation	<a href="#">B4373</a>
29	(D)Rx filter		722.5	B39721 <b>B2603</b> P810	1.1*0.9	small size	<a href="#">B2603</a>
	(D)Rx filter		722.5	B39721 <b>B4370</b> P810	1.4*1.1		<a href="#">B4370</a>

o: obsolete (not for new designs)

**Filter and Duplexer for Telematics Communication (se/se; 50Ω/50Ω)**

Band	Function	Remark	Center Frequency MHz	Type	Package size mm*mm	Feature	DS link
30	(D)Rx filter	new	2355	B39242 <b>B2604</b> P810	1.1*0.9	small size	<a href="#">B2604</a>
	(D)Rx filter		2355	B39242 <b>B4371</b> P810	1.4*1.1		<a href="#">B4371</a>
32	(D)Rx filter		1474	B39152 <b>B4375</b> P810	1.4*1.1		<a href="#">B4375</a>
33/39+34	(D)Rx filter		1900/2017.5	B39202 <b>B4384</b> P810	1.5*1.1	2in1	<a href="#">B4384</a>
34	Rx filter		2017.5	in dev.	1.1*0.9		
38	Tx filter		2595	B39262 <b>B4343</b> P810	1.4*1.1	post-PA	<a href="#">B4343</a>
40	(D)Rx filter		2350	B39242 <b>B4352</b> P810	1.4*1.1		<a href="#">B4352</a>
	Tx filter		2350	B39242 <b>B4351</b> P810	2.0*1.6	50 Ω se IN / 50 Ω se OUT	<a href="#">B4351</a>
41	Rx		2593	B39262 <b>B4349</b> P810	2.0*1.6		<a href="#">B4349</a>
71	Duplexer	new	634.5/680.5	in dev.	2.0*1.6		
	(D)Rx filter	new	634.5	in dev.	1.4*1.1		

**Duplexer se/se for High Rx - Tx out-of-band isolation**

Band	Function	Remark	Center Frequency	Type	Package size	Feature	
1	Duplexer		1950/2140	B39212 <b>B4408</b> P810	2.0*1.6		<a href="#">B4408</a>
2	Duplexer		1880/1960	B39202 <b>B4412</b> P810	2.0*1.6		<a href="#">B4412</a>
3	Duplexer		1747.5/1842.5	B39182 <b>B4411</b> P810	2.0*1.6		<a href="#">B4411</a>
5	Duplexer		836.5/881.5	B39881 <b>B4416</b> P810	2.0*1.6		<a href="#">B4416</a>
7	Duplexer		2535/2655	B39272 <b>B4418</b> P810	2.0*1.6		<a href="#">B4418</a>
8	Duplexer		2535/2655	B39941 <b>B4410</b> P810	2.0*1.6		<a href="#">B4410</a>
12/17	Duplexer		707/737	B39741 <b>B4413</b> P810	2.0*1.6		<a href="#">B4413</a>
	Duplexer		707/742	B39741 <b>B4414</b> P810	2.0*1.6	including B13 Rx	<a href="#">B4414</a>
20	Duplexer		847/806	B39851 <b>B4409</b> P810	2.0*1.6		<a href="#">B4409</a>

**Di-/Triplexer for Telematics application**

Band	Function	Remark	Center Frequency	Type	Package size	Feature	
1+3	Diplexer		2140 + 1842.5	B39212 <b>B4386</b> P810	1.5*1.1	optimized for carrier aggregation	<a href="#">Sales</a>
1+3+11/21	Rx filter	new	2140+1842.5+1493.4	B4389	1.8*1.4	Triplexer	<a href="#">Sales</a>
1+3+32	Rx filter	new	2140+1842.5+1474	in dev.	1.8*1.4	Triplexer	<a href="#">Sales</a>
2+4	Diplexer		1960 + 2132.5	B39212 <b>B4385</b> P810	1.5*1.1	optimized for carrier aggregation	<a href="#">Sales</a>
2/25+4/66	Diplexer	new	1962.5 + 2155	B39222 <b>B4387</b> P810	1.5*1.1	optimized for carrier aggregation	<a href="#">Sales</a>

o: obsolete (not for new designs)

**Diplexer, band-stop filter and extractor for GNSS, digital radio and metering**

Center Frequency MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Feature	DS link
725.50	B39731 <b>B3473</b> H910				3*2.5	DVB-T band-stop filter; LTE 700 Tx and Rx suppression	<a href="#">Sales</a>
725.50	B39731 <b>B3477</b> B510				3*3	LTE 700 Notch	<a href="#">Sales</a>
733.00	B39731 <b>B3476</b> H910				3*2.5	Band-stop filter ISDB-T LTE 700Tx, band 18	<a href="#">B3476</a>
736.00	B39741 <b>B3481</b> B510	new			3*3	Band-stop filter for digital TV, band 8, 20, 28 suppression	<a href="#">Sales</a>
753.00	B39751 <b>B3480</b> B510	new			3*3	Band-stop filter for digital TV, band 8, 20, 28 suppression	<a href="#">Sales</a>
861.00	B39731 <b>B3479</b> B510				3*3	Band-stop filter ISDB-T; LTE 700Tx, band 18 and 19 suppression	<a href="#">Sales</a>
868.50	B39871 <b>B3448</b> U510				3*3	Telestart-Extractor; Temperature compensation	<a href="#">Sales</a>
924.30	B39921 <b>B3474</b> H910				3*2.5	Notch filter for 920 MHz Japan AMI band	<a href="#">Sales</a>
1575.00	B39232 <b>B3526</b> U510		2.048	1.8	3*3	GPS/SDARS Diplexer	<a href="#">Sales</a>
2326.25			12.5	1.6			
1575.00	B39232 <b>B3920</b> U510		6	1.2	3*3	GPS/SDARS Diplexer	<a href="#">Sales</a>
2332.50			25	1.4			
1592.21	B39232 <b>B3927</b> U510		37.58	1.5	3*3	GPS/Glonass/SDARS Diplexer	<a href="#">Sales</a>
2332.50			25	1.6			
2332.50	B39232 <b>B3471</b> H910				3*2.5	SDARS band-stop filter	<a href="#">Sales</a>
2332.50	in dev.	new			1.5*1.1	SDARS band-stop filter	<a href="#">Sales</a>
2402.50	B39242 <b>B2610</b> P810	new special			1.5*1.1	Band-stop filter for SDARS and Wifi	<a href="#">Sales</a>
2436.00	B39242 <b>B2612</b> P810	new special	83.5		1.5*1.1	WLAN notch, 125C, Temperature compensation	<a href="#">Sales</a>

o: obsolete (not for new designs)

**Bandpass filter for Digital Radio**

Center Frequency MHz	Type	Remark	Usable Passband MHz	Insertion Attenuation dB	Package size mm*mm	Standard	Feature	DS link
1472	B39152B1664U410		40	1.6	3.0*3.0	DMB (DAB), WorldSpace	50Ωse/50Ωse	<a href="#">B1664</a>
1472	B39152B1647U510		40	3.0	3*3	DMB (DAB), WorldSpace	50Ωse/100Ωbal	<a href="#">B1647</a>
1472	B39152B4325P810		40	1.5	1.4*1.1	DMB (DAB), WorldSpace	50Ωse/50Ωse	<a href="#">B4325</a>
1472	B39152B4326P810		40	2.2	1.4*1.1	DMB (DAB), WorldSpace	50Ωse/100Ωbal	<a href="#">B4326</a>
2332.50	B39232B3425U510		25	2.4	3*3	Sirius/XM Satellite Radio	50Ωse/100Ωbal	<a href="#">Sales</a>
2332.50	B39232B1669U410		25	2.4	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse	<a href="#">Sales</a>
2332.50	B39232B3404U410		25	0.6	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse; very low IL	<a href="#">Sales</a>
2332.50	B39232B3595U410		25	1.5	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse	<a href="#">Sales</a>
2332.50	B39232B3442U410	special	25	3.0	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse Temperature compensation	<a href="#">Sales</a>
2332.50	B39232B3416U410		25	0.47	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse; low IA	<a href="#">Sales</a>
2332.50	B39232B2622P810	new	25	0.33	3*3	Sirius/XM Satellite Radio	50Ωse/50Ωse	<a href="#">Sales</a>

o: obsolete (not for new designs)

## Resonator for ISM

Center Frequency MHz	Type	Remark	Frequency Tolerance kHz	Frequency Tolerance ppm	Insertion Attenuation dB	Package size mm*mm	DS link
314.90	B39311R 994H110		±25	±79	1.5	3.0*3.0	<a href="#">R 994</a>
315.00	B39321R 901H110		±75	±238	1.5	3.0*3.0	<a href="#">R 901</a>
315.00	B39321R1901A310		±50	±159	1.4	3.0*3.0	<a href="#">R1901</a>
315.00	B39321R1921A310		±25	±79	1.5	3.0*3.0	<a href="#">R1921</a>
315.02	B39321R 993H110		±25	±79	1.5	3.0*3.0	<a href="#">R 993</a>
315.04	B39321R 963H110		±50	±159	1.4	3.0*3.0	<a href="#">R 963</a>
315.50	B39321R 903H110		±75	±238	1.5	3.0*3.0	<a href="#">R 903</a>
319.508	B39321R1952A310		±75	±50	1.5	3.0*3.0	<a href="#">R1952</a>
433.92	in dev.	new	±75	±173	1.4	2.5*2.0	
433.92	B39431R 920H110		±75	±173	1.4	3.0*3.0	<a href="#">R 920</a>
433.92	B39431R1920A310		±25	±58	1.4	3.0*3.0	<a href="#">R1920</a>
433.94	B39431R 992H110		±25	±58	1.5	3.0*3.0	<a href="#">R 992</a>
434.42	B39431R 969H110		±50	±115	1.3	3.0*3.0	<a href="#">R 969</a>
868.35	B39871R1950A310		±150	±173	1.2	3.0*3.0	<a href="#">R1950</a>
915.00	B39921R2906H110		±250	±273	7.2	3.0*3.0	<a href="#">R2906</a>
1176.00	B39122R 959H110		±300	±255	1.3	3.0*3.0	<a href="#">R 959</a>

o: obsolete (not for new designs)