

# **WISOL Line up**

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# Roadmap : Discrete



Category	Item	CY 2019				CY 2020				CY 2021			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Filter	0907 Rx Filter (Power handling : +15dBm, CW, 5000hrs, 50°C)			B1/2/3/5/8/40/GPS ES : 8/E, MP : 12/E	B7	B41/WiFi							
	TRx Filter for HPUE (Power handling : +32dBm, CW, 5000hrs, 50°C)				ES : 9/E, MP : '20 1/E	ES 1/E, MP : 3/E	B41F (1411)	n41					
Duplexer	1612 DPX (Power handling : +31dBm, CW, 5000hrs, 50°C)				B5/8/20 ES : Done	B1/2/3/7	n70/ n71						
						ES : 2/E	B12/28A/28B	TBD					
High Performance	Advanced TC-SAW							B41F TRx (PCL2)					
	FBAR						B40 TRx (PCL2)	WiFi Filter			n41/ B41F TRx (PCL2)		
Multiplexer (Extractor, Duplexer etc.)	GPS Diplexer (GPS-L1, WiFi 2.4GHz)				Diplexer(1608)			B25 DPX					
	GPS Triplexer (GPS-L1, WiFi 2.4GHz, WiFi 5GHz)	Triplexer (1814)			Triplexer(2012)			ES : 9/E					
	WiFi Diplexer (2.4GHz, 5GHz)		WiFi Diplexer		WiFi Diplexer (Mirror)			ES : 9/E					
	GPS Extractor (GPS-L1, Cell MHB)		Extractor					ES : 12/E					
	GPS Extractor (GPS-L5, Cell MHB)					L5 Extractor (MHB)							
	GPS Extractor (GPS-L5, Cell MHB)						L5 Extractor (LB)						
	GPS Dual Extractor (GPS-L1, GPS-L5, Cell MHB)					Dual Extractor (2016)							

※ Note for Multiplexer products

- Many different antenna structure in the future
- Various products will be planned
- Various products will be developed in time

# 1814 DPX



ITEM	Size	Band	P/N	Tech.	Type	Max Power[dBm]	ES	CS	MP
DPX	1814	B1	SFXG50FY902	Normal	Unbal	30			√
		B2	SFXG80CUD02	Tc-SAW		30			√
		B3	SFXG47AYM02	Bonded		29			√
		B4	SFXG33PY702	Normal		29			√
		B5	SFX836EYJ02	Normal		30			√
		B7	SFXG35EYN02	Normal		29			√
		B8	SFX897FYT02	Tc-SAW		30			√
		B12	SFX707BYJ02	Normal		30			√
		B14	SFX763AYH02	Normal		29			√
		B20	SFX806CYH02	Tc-SAW		30			√
		B26	SFX831AYJ02	Normal		29			√
		B28A	SFX718EYJ02	Normal		30			√
		B28B	SFX733EYJ02	Normal		30			√
		B30	SFXG10AYJ02	Tc-SAW		29			√
B66	SFXG45BU702	Normal	30			√			
B71	SFX634ADF02	Normal	29			√			
TPX	2520	B20+28A	TBD	Tc-SAW	Unbal	30	3/E	5/E	7/E

# 1612 DPX



ITEM	Size	Band	P/N	Tech.	Type	Max Power[dBm]	ES	CS	MP
DPX	1612	B1	SFXG50AH802	Normal	Unbal	31	2/E	4/E	6/E
		B2	SFXG80AH702	Tc-SAW			2/E	4/E	6/E
		B3	SFXG47AH202	Tc-SAW			2/E	4/E	6/E
		B5	SFX836AH502	Normal			√	3/E	5/E
		B7	SFXG35AH402	Normal			2/E	4/E	6/E
		B8	SFX897AH302	Tc-SAW			√	3/E	5/E
		B12	SFX707AH902	Normal			5/E	7/E	9/E
		B20	SFX806AH602	Tc-SAW			√	3/E	5/E
		B28A	SFX718AHA02	Normal			5/E	7/E	9/E
		B28B	SFX733AH802	Normal			5/E	7/E	9/E

# Single and Multiple Filter



ITEM	Size	Band	P/N	Tech.	Impedance	ES	CS	MP
Filter	1511	B1+3	SFWG42CBB02	Normal	Unbal			MP
		B1+3	SFWG42EBB02				√	
		B66+3	SFWG42FBB02				√	
		B1+41F	SFWG93ABQ02			2/E	4/E	
		B66+3+7	SFYG42CBV02			3/E	5/E	
	1713	GPS+WiFi2.4	SFWG76ME602			√	4/E	
	1814	B1+B3+B7	SFYG42BY802					MP
	1814	B1+3+41N	SFYG43AUG802			2/E	5/E	
	1814	B2+B4(66)+B30	SFTG60AY802			√	4/E	
	2012	GPS+WiFi2.4/5G	SFTG45AM202			√	4/E	

ITEM	Size	Band	P/N	Tech.	Impedance	ES	CS	MP
Filter (Rx)	1109	B12+13+14	TBD	Normal	50 Ohm/50 Ohm	4/E		
		B28F	H780CA4			3/E		
WiFi		WiFi	DG45RA9			√	4/E	
TRx	1411	B41N	DG95AQD			√	4/E	

# 1109 and 0907 Filter



ITEM	Size	Band	P/N	Tech.	Impedance	ES	CS	MP
Filter (Rx)	1109	B1+3	SFWG42AAC02	Normal	50 Ohm/50 Ohm	√	2/E	4/E
		B25+66	SFWG62AAC02			√	2/E	4/E
		B7+40	SFWG52AAC02			√	2/E	4/E
		B34+39	SFRG00AAC02			√	2/E	4/E

ITEM	Size	Band	P/N	Tech.	Impedance	ES	CS	MP
Filter (Rx)	0907	B1	SFHG40AF301	Normal	50 Ohm/50 Ohm			√
		B2	SFHG60AF301					√
		B3	SFHG42AF301					√
		B5	SFH881AF301					√
		B7	SFHG56AF301					√
		B8	SFH942AF301					√
		B40	SFHG95AF301					√
		B41N	SFHG93AF301				√	3/E
		B41F	SFR806DBB02				√	3/E
		GPS(Low Loss) L1	SFHG89AF302					√
		WiFi	SFHG45AF301					√

# Module



ITEM	P/N	Size	Type	MIPI	Band	PtP	Status
DiFEM	R8C0	3.2 x 3.0	1Ant(w/o LNA)	2.0	B5/8, B1/3/34/39, B40/41 Aux Port : 4ea	408	MP
	R8P0	3.2 x 3.0	1Ant(w/o LNA)	2.0	B5/8, B1/3/34/39, B40/41 Aux Port : 4ea	415(615)	CS
	R7X0	3.2 x 3.0	1Ant(w/o LNA)	2.0	Bands : 1 / 2/ 3 / 5 / 8 / 40 / 41N Aux Port : 4ea		MP
	R7Z0	3.2 x 3.0	1Ant(w/o LNA)	2.0	Bands : 1 / 2/ 3 / 5 / 8 / 40 / 41N Aux Port : 4ea		CS
	R9K0	3.7 x 3.2	2Ant(w/o LNA)	2.0	B8/26(5), B1/3/34/39, B7/40/41F Aux Port : 3ea for MB, 5ea for LB	434	CS
	R9Z0	3.7 x 3.2	2Ant(w/o LNA)	2.0	B8/26(5), B1/3/34/39, B7/40/41F Aux Port : 3ea for MB, 5ea for LB	434	ES
	TBD1	3.2 x 3.0	2Ant(w/o LNA)	2.0	Bands 1/66, 2, 3, 7, 8, 26, 40, 41 Aux Port : 2ea for LB, 1ea for MHB	QDM2311	PS
	TBD2	3.7 x 3.2	2Ant(w/o LNA)	2.0	Bands 1/66, 2, 3, 7, 8, 26, 34, 39, 40, 41 Aux Port : 4ea for LB, 2ea for MHB	QDM2310	PS
	R8A0	3.2 x 3.0	2Ant(w/o LNA)	2.0	B20/28F+8/26+25/66/3+7		PS



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