

## FM RFFE products lineup-MP(2022.10)

5G Switches							
FM Part Number	Pin to Pin	Function		Interface	Frequency	P0.1dB (dBm)	Package(mm)
<b>FM8625H</b>	MXD8625EH	SPDT	TRX	GPIO	0.1~6.0GHz	39	DFN-6L 1.1x0.7
<b>FM8648L</b>	MXD8648L	SP4T	RX		0.4~7GHz	32	LGA-9L 1.1x1.1
<b>FM1022</b>	QM11022 MXD8546C	DPDT	SWAP		617~5925M Hz	38	QFN-10L 1.5x1.1
<b>FM1033/FM1033B</b>	MXD8539S	3P3T	SWAP	MIPI	0.1~5GHz	39	QFN-16L 2.0x2.0
<b>FM1024</b>	MXD8540XA	DP4T	TRX		0.1~5GHz	38	QFN-16L 2.0x2.0
<b>FM8648M</b>	MXD8645M	SP4T	TRX		0.4~6GHZ	40	LGA-9L 1.1x1.1

3/4G Switches							
FM Part Number	Pin to Pin	Function		Interface	Frequency	P0.1dB (dBm)	Package(mm)
<b>FM1630/1630CD</b>	MXD8621 MXD8625 RF1630	SPDT	TRX	GPIO	0.1~2.7GHZ	34	DFN-6L 1.1x0.7
<b>FM8631/FM8631C</b>	MXD8631 RF1628 RF1621 SKY13582	SP3T	RX		0.1~3GHZ	32	QFN-9L 1.15x1.15
<b>FM8638/FM8638C</b>	MXD8631 RF1628 RF1621 SKY13582	SP3T	TRX		0.1~3GHZ	39	QFN-9L 1.15x1.15
<b>FM8648</b>	MXD8648	SP4T	RX		0.4~2.7GHZ	33	LGA-9L 1.1x1.1
<b>FM3414/FM3414C</b>	MXD8641 SKY13414	SP4T	RX		0.1~3.8GHZ	32	QFN-14L 2.0x2.0

<b>FM3416/FM3416C</b>	SKY13416 MXD8661H MXD8661	SP6T	RX	MIPI	0.1~3.8GHz	32	QFN-14L 2.0x2.0
<b>FM3418/FM3418C</b>	SKY13418 MXD8680 MXD8580	SP8T	RX		0.1~3.8GHz	32	QFN-14L 2.0x2.0
<b>FM8666</b>	/	SP6T	TRX		0.4~2.7GHz	36	QFN-14L 2.0x2.0
<b>FM8586</b>	RF1658 MXD8586	SP8T	TRX		0.4~2.7GHz	37	QFN-14L 2.0x2.0
<b>FM1660L</b>	SKY13473 RF1660 MXD86A0S	SP10T	RX		0.1~3.8GHz	31	QFN-20L 2.4x2.4
<b>FM1660</b>	SKY13473 RF1660 MXD85A0F MXD86A0S	SP10T	TRX		0.1~3.8GHz	36	QFN-20L 2.4x2.4
<b>FM86C0L</b>	MXD86C0S	SP12T	RX		0.1~3GHz	30	QFN-20L 2.5x2.5
<b>FM86C0</b>	SKY13563 MXD86C0S MXD86C0	SP12T	TRX		0.1~3GHz	37	QFN-20L 2.5x2.5

### Aperture Tuning Switches

FM Part Number	Pin to Pin	Function	V-peak	Interface	Frequency	R-on( $\Omega$ )	C-off(pF)	Package(mm)
<b>FM8544A</b>	QM13114 MXD8544B MXD8544A	SP4T	ANT(60V)	GPIO	0.1~3GHz	1.0	0.15	QFN-10L 1.5x1.1
<b>FM8545</b>	MXD8545B MXD8545A	SP4T	ANT(60V)		0.7~2.7GHz	1.2	0.15	QFN-10L 1.5x1.1
<b>FM1694</b>	RF1694	SP4T	ANT(60V)		0.7~2.7GHz	0.6	0.15	QFN-10L 1.5x1.1
<b>FM1119</b>	RF1119	SP4T	ANT(60V)		0.7~2.7GHz	1.8	0.15	QFN-11L 1.6x1.6

<b>FM3144</b>	QM13144 MXD8543S	4*SPST	TRX/ANT(80 V)	MIPI	0.4~5GHz	2.2	0.2	QFN-12L 1.5x1.5
---------------	---------------------	--------	------------------	------	----------	-----	-----	--------------------

### WLAN Switches

FM Part Number	Pin to Pin	Function		Interface	Frequency	P0.1dB (dBm)	Switching time(ns)	Package(mm)
<b>FM3585</b>	MXD8721E SKY13585 RTC7608u	SPDT	WIFI SW	GPIO	0.5~7.125G Hz	34	55	QFN-6L 1.0x1.0



## FM CW RADAR products lineup

5.8G CW RADAR							
FM Part Number	Pin to Pin	MCU	Operating mode		Function	Package(mm)	Status
<b>FM5811</b>	/	/	CW		智能测速，抗干扰能力强，多场景应用	QFN-20 3*3	CS
<b>FM5812</b>	/	8bit	CW		内置MCU，体积小，多场景应用	QFN-20 4*4	CS
<b>FM5813</b>	/	8bit	CW		内置高性能MCU，支持线上调试，多场景应用	QFN-32 5*5	CS
<b>FM5816</b>	/	8bit	CW		内置高性能MCU，支持线上调试，多接口协议应用	QFN-32 5*5	CS
<b>FM5821</b>	/	/	CW		5811升级版 智能测速，抗干扰能力强，多场景应用	QFN-20 3*3	ES