

ANTENNA SWITCH

■ Application Circuit (GPIO)

<p>RFASWA630ATF09</p>	<p>RFASWA630BTF09</p>	<p>RFASWA630CTF09</p>
<p>SPDT</p>	<p>SPDT</p>	<p>SPDT</p>
<p>RFASWA697ATF09</p>	<p>RFASWAH9628ATF09</p>	<p>RFASWAM3489ATF09</p>
<p>SPDT</p>	<p>SPDT</p>	<p>SPDT</p>
<p>RFASWMT2628ATF09</p>	<p>RFASWMT2628BTF09</p>	<p>RFASWMH6373ATF09</p>
<p>SP3T</p>	<p>SP3T</p>	<p>SP3T</p>
<p>RFASWKH4414ATF09</p>	<p>RFASWK626ATF09</p>	<p>RFASWHH1416ATF09</p>
<p>SP4T</p>	<p>SP4T</p>	<p>SP6T</p>
<p>RFASWHH1416PTF09</p>	<p>RFASWDH2418ATF09</p>	<p>RFASWDH2418PTF09</p>
<p>SP6T</p>	<p>SP8T</p>	<p>SP8T</p>

ANTENNA SWITCH

Application Circuit (GPIO)

RFASWB643ATF09	RFASWB646ATF09	RFASWB646BTF09
<p>X-DPDT</p>	<p>X-DPDT</p>	<p>X-DPDT</p>
RFASWB438ATF09	RFASWCM0624ATF09	
<p>X-DPDT</p>	<p>DP4T</p>	

ELECTRICAL SPECIFICATION

Part Number	Description	Frequency (GHz)Min.	Frequency (GHz)Max.	Insertion loss	Isolation	VSWR	Package (mm)
				(dB)	(dB)		
RFASWA630ATF09	SPDT	0.1	2.7	0.30~0.50dB	20~30	1.20	1.1 x 0.7
RFASWA630BTF09		0.1	2.7	0.35~0.45dB	22~32	1.20	1.1 x 0.7
RFASWA630CTF09		0.1	2.7	0.35~0.45dB	22~32	1.20	1.1 x 0.7
RFASWA697ATF09		0.4	6	0.35~1.00dB	15~32	1.50	1.0 x 1.0
RFASWAH9628ATF09		0.5	2.7	0.30~0.50dB	20~30	1.43	1.1 x 1.1
RFASWAM3489ATF09		0.7	2.7	0.38~0.50dB	21~33	1.25	1.1 x 0.7
RFASWMT2628ATF09	SP3T	0.5	2.7	0.30~0.50dB	20~30	1.43	1.0 x 1.0
RFASWMT2628BTF09		0.8	2.7	0.30~0.70dB	14~26	1.50	1.0 x 1.0
RFASWMH6373ATF09		0.5	6	0.32~0.80dB	15~32	1.40	2.0 x 2.0
RFASWKH4414ATF09	SP4T	0.1	2.7	0.45~0.70dB	22~33	1.22	2.0 x 2.0
RFASWK626ATF09		0.7	2.7	0.30~0.50dB	27~38	1.60	1.1 x 1.1
RFASWHH1416ATF09	SP6T	0.1	2.7	0.45~0.70dB	22~33	1.22	2.0 x 2.0
RFASWHH1416PTF09		0.1	4	0.35~0.80dB	21~35	1.50	2.0 x 2.0
RFASWDH2418ATF09	SP8T	0.1	2.7	0.30~0.50dB	25~34	1.22	2.0 x 2.0
RFASWDH2418PTF09		0.1	2.7	0.30~0.50dB	26~35	1.50	2.0 x 2.0
RFASWB643ATF09	X-DPDT	0.7	2.7	0.40~0.55dB	22~30	1.28	2.0 x 2.0
RFASWB646ATF09		0.7	3.8	0.40~0.70dB	25~33	1.20	1.8 x 1.8
RFASWB646BTF09		0.7	3.8	0.40~0.70dB	25~33	1.20	1.83 x 1.83
RFASWB438ATF09		0.1	6	0.50~1.20dB	13~28	1.43	1.5 x 1.5
RFASWCM0624ATF09	DP4T	0.824	0.96	0.25dB	28~38	1.50	1.1 x 1.5
		1.71	2.17	0.35dB	23~30	1.50	
		0.698	0.792	0.25dB	28~38	1.50	
		2.3	2.69	0.40dB	20~24	1.50	

■ Application Circuit (MIPI)

RFASWH526ATF03 SP6T	RFASWH526BTF03 SP6T	RFASWH656DTF03 SP6T
RFASWD658ATF03 SP8T	RFASWD658DTF03 SP8T	RFASWD658FTF03 SP8T
RFASWET1562BTF03 SP10T	RMASME494ATF03 SP10T	RFASWE660ATF03 SP10T
RFASWE660DTF03 SP10T	RMASMET2498ATF03 SP10T	RFASWFT2563BTF03 SP12T

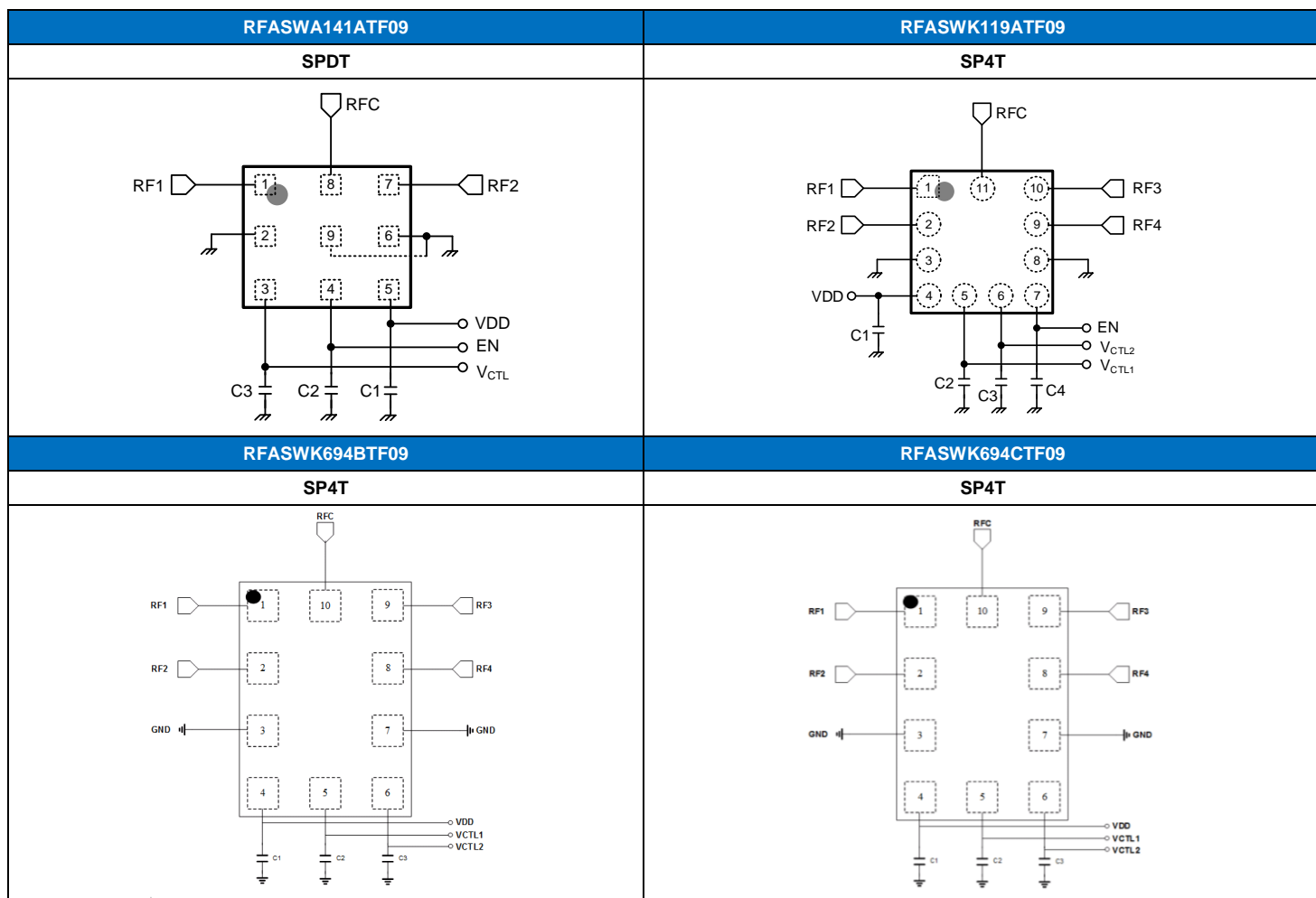
Application Circuit (MIPI)

<p>RFASWF662ATF03 SP12T</p>	<p>RFASWF662DTF03 SP12T</p>	<p>RMASMT1488BTF03 SP12T</p>
<p>RMASMF496ATF03 SP12T</p>	<p>RMASMP491ATF03 SP14T</p>	<p>RMASMNT1492ATF03 SP16T</p>
<p>RFASWV481CTF03 DP8T (SP4T+SP4T)</p>	<p>RFASWY581CTF03 DP10T (SP5T+SP5T)</p>	<p>RFASWR681CTF03 DP12T (SP6T+SP6T)</p>
<p>RMASMU532ATF03 DP14T (SP8T+SP6T)</p>	<p>RMASMU890ATF03 DP14T (SP7T+SP7T)</p>	<p>RMASMS535ATF03 DP21T (SP12T+SP9T)</p>

■ ELECTRICAL SPECIFICATION

Part Number	Description	Frequency (GHz) Min.	Frequency (GHz) Max.	Insertion loss (dB) TRXx ports	Isolation (TRXx to any off TRXx port) [non-adjacent ports]	Isolation (TRXx to any off TRXx port) [adjacent ports]	VSWR	Package (mm)
RFASWH526ATF03	SP6T	0.4	2.7	0.40~0.76dB(600~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWH526BTF03		0.4	2.7	0.40~0.76dB(400~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWH656DTF03		0.4	2.7	0.40~0.76dB(704~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWD658ATF03	SP8T	0.4	2.7	0.40~0.76dB(704~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWD658DTF03		0.4	2.7	0.40~0.76dB(704~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWD658FTF03		0.4	2.7	0.40~0.76dB(704~2690MHz)	20~30	17~26	2	2.0 x 2.0
RFASWET1562BTF03	SP10T	0.4	2.7	0.50~0.80dB(700~2690MHz)	25~35	20~26	2	2.5 x 2.5
RMASME494ATF03		0.4	2.7	0.60~0.85dB(824~2690MHz)	23~30	20~26	2	2.5 x 2.5
RFASWE660ATF03		0.7	2.7	0.45~0.75dB(700~2700MHz)	21~29	20~28	2	2.4 x 2.4
RFASWE660DTF03		0.7	2.7	0.45~0.75dB(700~2700MHz)	18~26	18~26	2	2.4 x 2.4
RMASMET2498ATF03		0.4	2.7	0.60~0.90dB(824~2690MHz)	23~30	20~26	2	2.5 x 2.5
RFASWFT2563BTF03	SP12T	0.4	2.7	0.50~0.80dB(700~2690MHz)	25~35	20~26	2	2.5 x 2.5
RFASWF662ATF03		0.4	2.7	0.50~0.72dB(700~2690MHz)	20~32	17~25	2	2.5 x 2.5
RFASWF662DTF03		0.4	2.7	0.50~0.72dB(700~2690MHz)	20~30	16~23	2	2.5 x 2.5
RMASMFT1488BTF03		0.4	2.7	0.60~0.90dB(824~2690MHz)	23~30	20~26	2	2.5 x 2.5
RMASMF496ATF03		0.4	2.7	0.60~0.85dB(824~2690MHz)	23~30	20~26	2	2.5 x 2.5
RMASMP491ATF03	SP14T	0.4	2.7	0.70~1.15dB(700~2690MHz)	20~30	16~20	2	2.5 x 2.9
RMASMNT1492ATF03	SP16T	0.4	2.7	0.60~1.00dB(824~2690MHz)	20~30	16~20	2	2.5 x 3.3
RFASWV481CTF03	DP8T (SP4T+SP4T)	0.4	2.7	0.45~0.75dB(400~2700MHz)	18~26	30~35	2	2.4 x 2.0
RFASWY581CTF03	DP10T (SP5T+SP5T)	0.4	2.7	0.45~0.75dB(400~2700MHz)	18~26	30~35	2	2.4 x 2.0
RFASWR681CTF03	DP12T (SP6T+SP6T)	0.4	2.7	0.45~0.75dB(400~2700MHz)	17~28	25~36	2	2.4 x 2.0
RMASMU532ATF03	DP14T (SP8T+SP6T)	0.4	2.7	0.65~1.15dB(704~2690MHz)	17~23	14~21	1.5	2.8 x 2.8
RMASMU890ATF03	DP14T (SP7T+SP7T)	0.4	2.7	0.60~0.85dB(600~2690MHz)	18~25	15~23	1.5	3.2 x 2.8
RMASMS535ATF03	DP21T (SP12T+SP9T)	0.7	3.0	0.65~1.10dB(824~2690MHz)	15~23	14~21	2	3.6 x 2.8

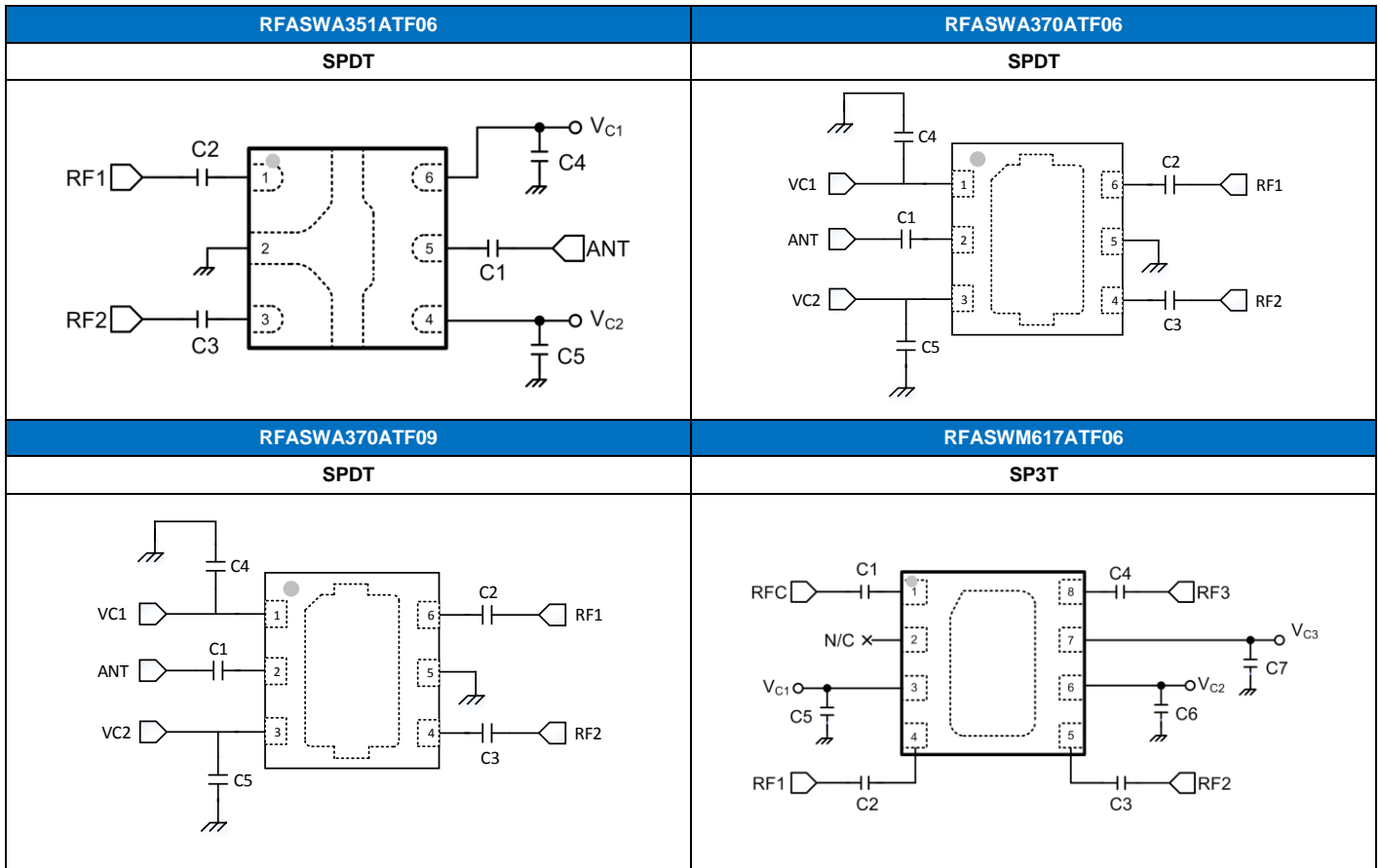
Application Circuit (LTE Antenna Tuner-GPIO)



ELECTRICAL SPECIFICATION

Part Number	Description	Frequency (GHz) Min.	Frequency (GHz) Max.	Insertion loss (dB)	Isolation	VSWR	Package (mm)
RFASWA141ATF09	SPDT	0.4	3.0	0.20~0.35dB(700~2700MHz)	11~21	1.22	1.67 x 1.47
RFASWK119ATF09	SP4T	0.4	3.0	0.40~0.75dB(1000~2700MHz)	14~24	1.78	1.6 x 1.6
RFASWK694BTF09	SP4T	0.5	2.7	0.30~0.67dB(615~2700MHz)	16~22	1.58	1.1 x 1.5
RFASWK694CTF09	SP4T	0.5	2.7	0.30~0.67dB(615~2700MHz)	16~22	1.58	1.1 x 1.5

■ Application Circuit (Network-GPIO)



■ ELECTRICAL SPECIFICATION

Part Number	Description	Frequency (GHz) Min.	Frequency (GHz) Max.	Insertion loss (dB)	Isolation	VSWR	Package (mm)
RFASWA351ATF06	SPDT	0.5	6.0	0.35~0.70dB(500~6000MHz)	15~25	2	1.0 x 1.0
RFASWA370ATF06	SPDT	0.5	6.0	0.50~0.90dB(500~5850MHz)	23~28.5	1.67	1.5 x 1.5
RFASWA370ATF09	SPDT	0.5	6.0	0.70~1.15dB(500~5850MHz)	25~32	1.67	1.5 x 1.5
RFASWM617ATF06	SP3T	0.5	6.0	0.35~0.65dB(500~6000MHz)	15~30	1.92	1.5 x 1.5

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [RF Switch ICs](#) category:

Click to view products by [Walsin](#) manufacturer:

Other Similar products are found below :

[MASW-008853-TR3000](#) [MASW6010G](#) [BGSX210MA18E6327XTSA1](#) [CG2185X2](#) [CG2415M6](#) [MA4AGSW1A](#) [MA4SW410](#)
[MA4SW410B-1](#) [MASW-002102-13580G](#) [MASW-005100-11940W](#) [BGS 12PL6 E6327](#) [BGS1414MN20E6327XTSA1](#)
[BGS1515MN20E6327XTSA1](#) [SKY13374-397LF](#) [CG2415M6-C2](#) [AS222-92LF](#) [MASWSS0201TR](#) [MASW-007075-000100](#) [MASW-004103-](#)
[13655P](#) [MASW-003102-13590G](#) [MASWSS0202TR-3000](#) [MASW-008543-TR3000](#) [MA4SW310B-1](#) [SW-313-PIN](#) [CG2430X1](#) [SKY13405-](#)
[490LF](#) [SKYA21001](#) [SKY13415-485LF](#) [MMS008PP3](#) [SKY13319-374LF](#) [SKY13404-466LF](#) [SKY13473-569LF](#) [SKY13626-685LF](#)
[NJG1809ME7-TE1](#) [SKY13343-92LF](#) [MASW-002103-13635P](#) [SKY13417-485LF](#) [MASW-004103-13650P](#) [NJG1649HB6](#)
[RFASWE660DTF03](#) [BGSA14GN10E6327](#) [FM1694C](#) [XMSS1R6G0PA-001](#) [AW13612FLR](#) [AW13102DNR](#) [FM3418C](#) [AW13508QNR](#)
[AW13418RQNR](#) [FM8648M](#) [FM8545](#)