

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
X-DPDT	X-DPDT	X-DPDT
RFASWB438ATF09	RFASWCM0624ATF09	
X-DPDT	DP4T	

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

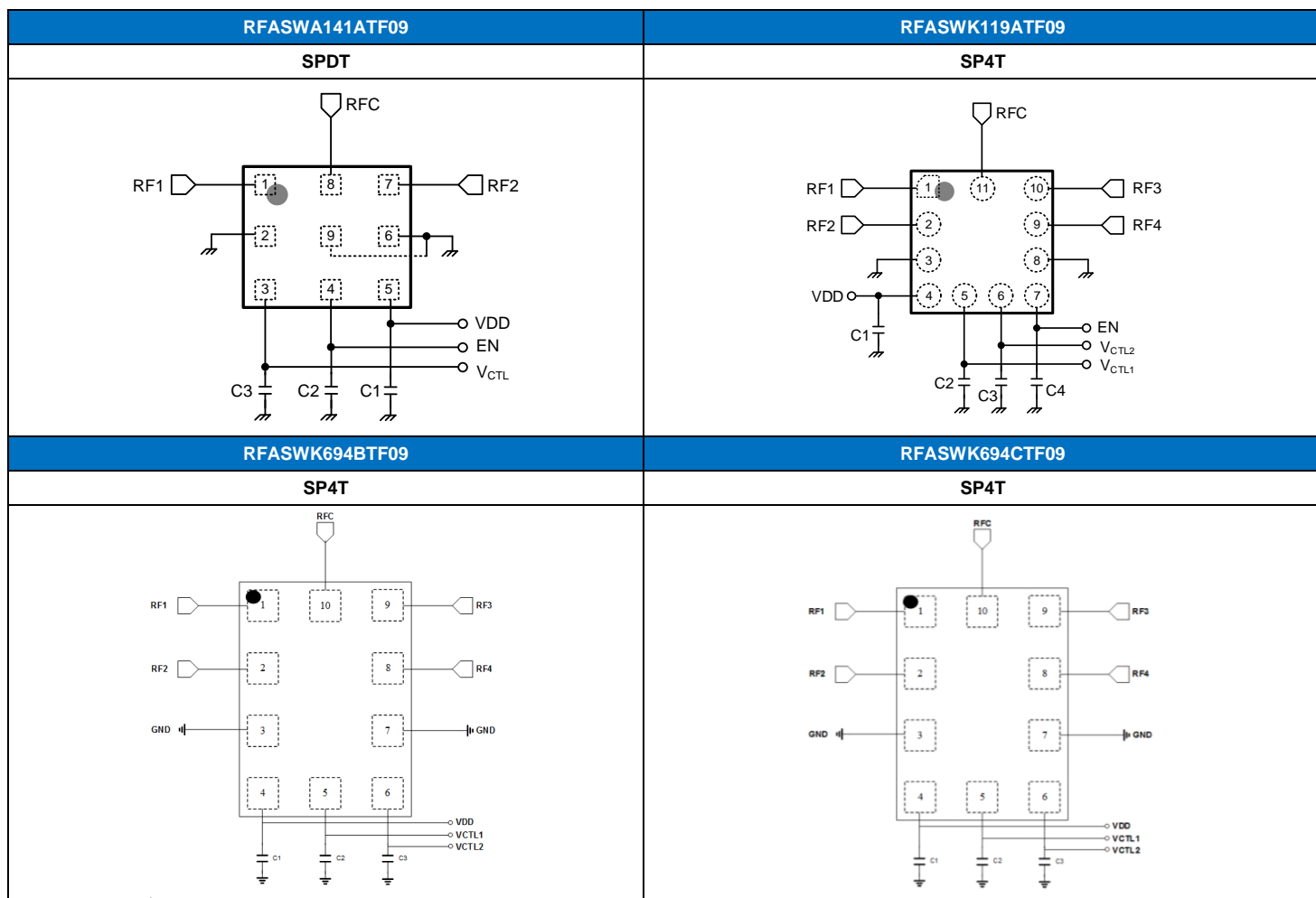
Application Circuit (MIPI)

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

■ 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

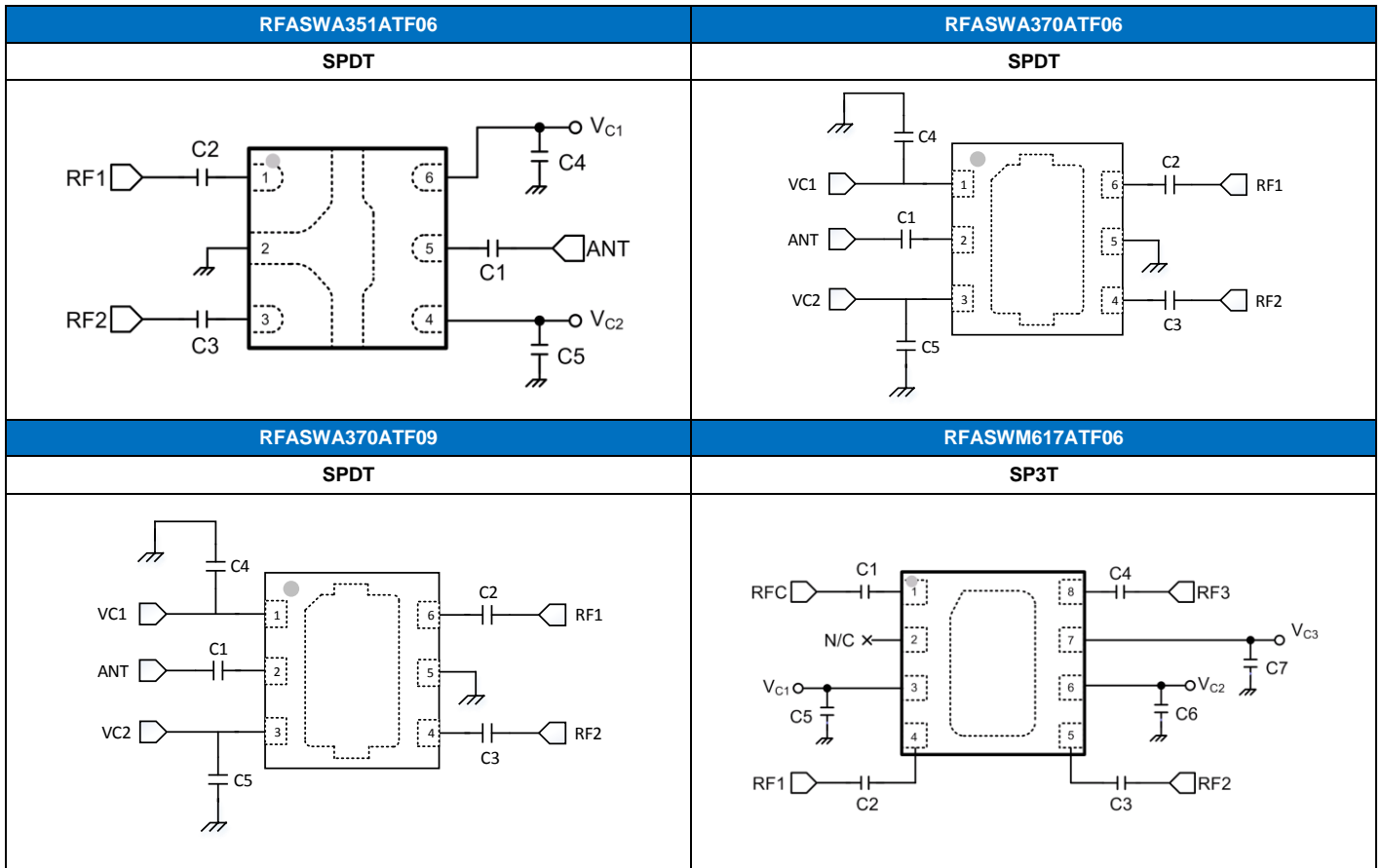
Application Circuit (LTE Antenna Tuner-GPIO)



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