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Транзисторы согласованные - GaN HEMTs for Radio Link and SATCOM

Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	Pout (dBm)	GL (dB)	$\eta_{add}$ (%)	VDS (V)	IDS (RF) (A)	Rth (°C/W)	Condition
<a href="#">SGK1011-25A</a>	10.7-11.7	-42	29	44	10	33	24	2.7	1.9	CW Operation
<a href="#">SGK1314-25A</a>	13.75-14.5	-	-	44	8	29	24	2.5	1.8	CW Operation
<a href="#">SGK1314-30A</a>	13.75-14.5	-	-	45	8.5	32	24	3.3	1.5	CW Operation
<a href="#">SGK1314-50A</a>	13.75-14.5	-	-	47	8	29	24	5	1.3	CW Operation
<a href="#">SGK1314-60A</a>	13.75-14.5	-	-	48	8.5	32	24	6.6	0.8	CW Operation
<a href="#">SGK5867-100A/001</a>	5.85-6.75	-25	44	50.5	13.5	45	24	10	0.55	CW Operation
<a href="#">SGK5867-30A</a>	5.85-6.75	-45	29.5	45	13.5	45	24	2.7	2.2	CW Operation
<a href="#">SGK5867-60A</a>	5.85-6.75	-	32	48	12.5	40	24	5.4	1.3	CW Operation
<a href="#">SGK5872-20A</a>	5.85-7.2	-43	27.5	43	12	41	24	1.6	2.7	CW Operation
<a href="#">SGK6472-30A</a>	6.4-7.2	-45	29.5	45	12.5	40	24	2.7	2.2	CW Operation
<a href="#">SGK6472-60A</a>	6.4-7.2	-	32	48	12	39	24	5.4	1.3	CW Operation
<a href="#">SGK7185-20A</a>	7.1-8.5	-43	27.5	43	11	39	24	1.7	2.7	CW Operation
<a href="#">SGK7785-100A</a>	7.7-8.5	-25	44	50	12	42	24	10	0.55	CW Operation
<a href="#">SGK7785-30A</a>	7.7-8.5	-45	29.5	45	12	39	24	2.7	2.2	CW Operation
<a href="#">SGK7785-60A</a>	7.7-8.5	-42	32	48	11	37	24	5.4	1.3	CW Operation

Note: Tc (op)=+25°C

## Транзисторы согласованные - GaN HEMTs for Base Station

Part Number	Single/Twin	Freq. (GHz)	Specified Freq. (GHz)	Psat (dBm)	Pout (dBm)	Gp (dB)	$\eta_d$ (%)	VDS (V)	IDS (DC) (mA)	Rth ( $^{\circ}$ C/W)	Package
<a href="#">SG26F30S-D</a>	Single	DC-2.7	2.65	46	32.5	18.5	13.5	50	150	5.5	Z2D
<a href="#">SG36F30S-D</a>	Single	3.3-3.7	3.6	45.5	32	17	12.5	50	150	5.5	Z2D
<a href="#">SGFCF10S-D</a>	Single	DC-3.7	2.65	41	27.5	19.5	13.5	50	50	10	Z2D
<a href="#">SGFCF15S-D</a>	Single	DC-3.7	2.65	42.5	29	19.5	13.5	50	75	9	Z2D
<a href="#">SGFCF20S-D</a>	Single	DC-3.7	2.65	44	30.5	19	13.5	50	100	7	Z2D
<a href="#">SGFCF20T-D</a>	Twin	DC-3.7	2.65	41	27.5	19.5	13.5	50	50	10	Z2D
<a href="#">SGFCF30T-D</a>	Twin	DC-3.7	2.65	42.5	29	19.5	13.5	50	75	9	Z2D
<a href="#">SGFCF40T-D</a>	Twin	DC-3.7	2.65	44	30.5	19	13.5	50	100	7	Z2D

## Транзисторы несогласованные - GaN HEMTs for Base Station

Part Number	Freq. (GHz)	Psat (dBm)	Pout (dBm)	Gp (dB)	$\eta_d$ (%)	VDS (V)	IDS(DC) (mA)	Package
<a href="#">SGN19H181M1H</a>	1.88	52.6	44.5	16.5	50	600	1.4	M1H
<a href="#">SGN19H240M1H</a>	1.88	53.8	46.0	16.5	50	800	1.2	M1H
<a href="#">SGN21H121M1H</a>	2.17	50.8	43.0	16.0	50	400	1.7	M1H
<a href="#">SGN21H180M1H</a>	2.14	52.8	44.5	16.5	50	600	1.4	M1H
<a href="#">SGN21H181M1H</a>	2.17	52.6	44.5	16.0	50	600	1.4	M1H
<a href="#">SGN26H080M1H</a>	2.65	49.3	41.0	17.5	50	250	2.0	M1H
<a href="#">SGN26H120M1H</a>	2.65	50.8	43.0	17.0	50	400	1.7	M1H
<a href="#">SGN26H180M1H</a>	2.65	52.5	44.5	16.5	50	600	1.4	M1H
<a href="#">SGN26H241M1H</a>	2.65	54.0	46.0	15.0	50	800	1.2	M1H
<a href="#">SGN36H050M1H</a>	3.6	47.0	39.0	17.0	50	180	2.6	M1H
<a href="#">SGN36H080M1H</a>	3.6	49.1	41.0	16.0	50	250	2.0	M1H
<a href="#">SGN36H120M1H</a>	3.6	50.8	43.0	15.0	50	400	1.7	M1H
<a href="#">SGNH240M1H</a>	0.9	54.6	46.0	17.5	50	800	1.2	M1H

## Транзисторы согласованные - GaN HEMTs for Radar

Part Number	Freq. (GHz)	Pout Min. (dBm)	Gp Min. (dB)	$\eta$ D Typ. (%)	VDS (V)	IDS(DC) (A)	Rth (°C/W)	Condition	Package
<a href="#">SGN1214-220H-R</a>	1.2-1.4	53.4	16.9	65	50	1	0.55	Pulse width: 200 $\mu$ sec, Duty 10%	IV
<a href="#">SGN21-120H-R</a>	1.7-2.5 *	51	14.5	67.5	50	0.5	1.1	Pulse width: 200 $\mu$ sec, Duty 10%	IV
<a href="#">SGN2729-250H-R</a>	2.7-2.9	54	13	65	50	0.75	1.1	Pulse width: 120 $\mu$ sec, Duty 10%	IV
<a href="#">SGN2729-600H-R</a>	2.7-2.9	57.8	12.8	60	50	1.5	0.55	Pulse width: 200 $\mu$ sec, Duty 10%	IV
<a href="#">SGN2731-120H-R</a>	2.7-3.1	50.8	11.8	63	50	0.5	1.1	Pulse width: 200 $\mu$ sec, Duty 10%	I2D
<a href="#">SGN2731-130H-R</a>	2.7-3.1	51.2	13.2	62	50	0.5	1.1	Pulse width: 400 $\mu$ sec, Duty 25%	IV
<a href="#">SGN2731-500H-R</a>	2.7-3.1	56.8	11.8	57	50	1.5	0.55	Pulse width: 120 $\mu$ sec, Duty 10%	IV
<a href="#">SGN3035-150H-R</a>	3.0-3.5	51.8	12.8	62	50	0.5	1.1	Pulse width: 200 $\mu$ sec, Duty 10%	IV
<a href="#">SGN3135-500H-R</a>	3.1-3.5	56.8	10.8	58	50	1.5	0.55	Pulse width: 200 $\mu$ sec, Duty 10%	IV
<a href="#">SGN350H-R</a>	DC-1.4	55.4	15.4	70	50	0.5	0.55	Pulse width: 150 $\mu$ sec, Duty 10%	M1H
<a href="#">SGN31E030MK</a>	3.1	46	15	40	50	200	2	CW	MK
<a href="#">SGK5254-30A-R</a>	5.2-5.4	44	11.5	49	24	1.3	2.2	Pulse Width: 100 $\mu$ sec, Duty 10%	IBK
<a href="#">SGC5259-50A-R</a>	5.2-5.9	46.5	11.5	50	50	0.17	2.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IBK
<a href="#">SGK5254-120A-R</a>	5.2-5.4	50	11.5	47	24	5.3	0.65	Pulse Width: 100 $\mu$ sec, Duty 10%	I2F
<a href="#">SGC5259-300A-R</a>	5.2-5.9	54.8	13.8	50	50	1	0.7	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC7172-30A</a>	7.14-7.24	44.15	11.15	45	50	0.2	2.3	CW	IK
<a href="#">SGC7172-120A</a>	7.14-7.24	50.35	11.35	43	50	1.3	0.65	CW	IK
<a href="#">SGC8598-50A-R</a>	8.5-9.8	47	10	40	50	0.17	2.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC8598-100A-R</a>	8.5-9.8	50	9	40	50	0.33	1.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC8598-200A-R</a>	8.5-9.8	53	9	38	50	0.66	0.6	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC9395-100A-R</a>	9.3-9.5	50	9	40	50	0.33	1.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC9395-130A-R</a>	9.3-9.5	51.1	9.1	38	50	0.5	1.2	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC9395-200A-R</a>	9.3-9.5	53	9	38	50	0.66	0.6	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC9395-300A-R</a>	9.3-9.5	54.3	8.3	35	50	1	0.7	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC9395-50A-R</a>	9.3-9.5	47	10	40	50	0.17	2.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGK0910-30A-R</a>	9.2-10	44	11.5	35	24	1.3	2.2	Pulse Width: 100 $\mu$ sec, Duty 10%	IBK
<a href="#">SGK0910-60A-R</a>	9.2-10	47	11.5	35	24	2.6	1.1	Pulse Width: 100 $\mu$ sec, Duty 10%	IBK
<a href="#">SGK0910-120A-R</a>	9.2-10	50	11.5	35	24	5.3	0.65	Pulse Width: 100 $\mu$ sec, Duty 10%	I2F
<a href="#">SGC0910-200A-R</a>	9.2-10.5	52.5	8.5	38	50	0.66	0.6	Pulse Width: 100 $\mu$ sec, Duty 10%	IK
<a href="#">SGC0910-300A-R</a>	9.0-10.0	54.3	8.3	35	50	1	0.7	Pulse Width: 100 $\mu$ sec, Duty 10%	IK

## Транзисторы согласованные - GaN HEMTs for Radar

Part Number	Freq. (GHz)	Pout Min. (dBm)	Gp Min. (dB)	$\eta$ D Typ. (%)	VDS (V)	IDS(DC) (A)	Rth ( $^{\circ}$ C/W)	Condition	Package
<a href="#">SGM6901VU</a>	8.5-10.1	43.8	21.8	38	50	0.2	2.1	Pulse Width: 100 $\mu$ sec, Duty 10%	VU
<a href="#">SGM6901VU/001</a>	9.3-9.5	43.8	21.8	38	50	0.2	2.1	Pulse Width: 100 $\mu$ sec, Duty 10%	VU
<a href="#">SGC1112-100A-R</a>	11.4-12.0	49.5	7.5	36	50	1	1.4	Pulse Width: 100 $\mu$ sec, Duty 10%	IK

## Транзисторы несогласованные - GaN HEMTs for General Purpose

Part Number	Freq. (GHz)	Psat Typ. (dBm)	GL Typ. (dB)	$\eta$ D (%)	IDS(DC) (mA)	Rth ( $^{\circ}$ C/W)	Condition	Package
<a href="#">SGCA030M1H</a>	5	45.5	9.5	53	200	2	Pulse	M1H
<a href="#">SGCA100M1H</a>	3.9	50.5	14.5	48	650	1.2	Pulse	M1H
<a href="#">SGFCF2002S-D</a>	3	42.5	25.5	44	135	3.8	CW	Z2D
<a href="#">SGNE010MK</a>	3.5	40.5	16	55	100	4.5	CW	MK
<a href="#">SGNE030MK</a>	2.7	46.5	16	55	200	2	CW	MK
<a href="#">SGNE045MK</a>	2.2	47.5	15	55	250	1.4	CW	MK
<a href="#">SGNE070MK</a>	0.9	49.5	20	70	400	1.5	CW	MK
<a href="#">SGNE090MK</a>	0.9	51	20	70	500	1.2	CW	MK
<a href="#">SGNH130M1H</a>	3	51.9	13.9	56.5	500	1.1	Pulse	M1H

## Транзисторы согласованные - Internally Matched High Power GaAs FETs

Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	P1dB (dBm)	G1dB (dB)	$\eta$ add (%)	VDS (V)	IDS(RF) (mA)	Rth ( $^{\circ}$ C/W)
<a href="#">ELM1314-30F/001</a>	13.75-14.5	-30	38	44.5	5.5	22	10	9000	1
<a href="#">ELM1314-9F</a>	13.75-14.5	-30	33	39.5	6	30	10	2400	3.5
<a href="#">ELM1414-30F/001</a>	14.0-14.5	-30	38	44.5	6	22	10	9000	1
<a href="#">ELM5964-4PS</a>	5.9-6.4	-43	25.5	36	11.5	37	10	1100	4.5
<a href="#">ELM5964-7PS</a>	5.9-6.4	-45	28	39	11	36	10	2200	2.5
<a href="#">ELM5964-10F</a>	5.9-6.4	-46	29	40.5	10	39	10	2600	3
<a href="#">ELM5964-16F</a>	5.9-6.4	-45	31.5	42.5	10	40	10	4000	2.7
<a href="#">ELM6472-4PS</a>	6.4-7.2	-43	25.5	36	11	36	10	1100	4.5
<a href="#">ELM6472-7PS</a>	6.4-7.2	-43	28	39	10.5	35	10	2200	2.5

## Транзисторы согласованные - Internally Matched High Power GaAs FETs

Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	VDS (V)	IDS(RF) (mA)	Rth (°C/W)
<a href="#">ELM6472-16F</a>	6.4-7.2	-45	31.5	42.5	9.5	40	10	4000	2.7
<a href="#">ELM7179-4PS</a>	7.1-7.9	-43	25.5	36	10.5	35	10	1100	4.5
<a href="#">ELM7179-7PS</a>	7.1-7.9	-43	28	39	10	34	10	2200	2.5
<a href="#">ELM7179-10F</a>	7.1-7.9	-46	29	40.5	9	38	10	2600	3
<a href="#">ELM7179-16F</a>	7.1-7.9	-43	31.5	42.5	8.5	38	10	4000	2.7
<a href="#">ELM7785-4PS</a>	7.7-8.5	-43	25.5	36	10	34	10	1100	4.5
<a href="#">ELM7785-7PS</a>	7.7-8.5	-43	28	39	9.5	33	10	2200	2.5
<a href="#">ELM7785-10F</a>	7.7-8.5	-46	29	40.5	8.5	37	10	2600	3
<a href="#">ELM7785-16F</a>	7.7-8.5	-43	31.5	42.5	8	37	10	4000	2.7
<a href="#">ELM7785-35F</a>	7.7-8.5	-	-	45.5	8.5	35	10	8500	1.1
<a href="#">FLM0910-12F</a>	9.5-10.5	-	-	40.5	7	25	10	3500	2.3
<a href="#">FLM0910-15F</a>	9.5-10.5	-	-	42	7.5	32	10	4000	2.3
<a href="#">FLM0910-25F</a>	9.5-10.5	-	-	44	7	30	10	6500	1.4
<a href="#">FLM0910-3F</a>	9.5-10.5	-46	24	35	7.5	29	10	900	5
<a href="#">FLM0910-4F</a>	9.5-10.5	-46	25.5	36	7.5	29	10	1100	5
<a href="#">FLM0910-8F</a>	9.5-10.5	-46	28.5	39	7.5	29	10	2200	3
<a href="#">FLM1011-12F</a>	10.7-11.7	-45	29.5	40.5	6	25	10	3600	2.3
<a href="#">FLM1011-15F</a>	10.7-11.7	-45	30	42	7	31	10	4000	2.3
<a href="#">FLM1011-20F</a>	10.7-11.7	-45	31	43	7	27	10	6000	1.4
<a href="#">FLM1011-3F</a>	10.7-11.7	-46	24	35	7.5	29	10	900	5
<a href="#">FLM1011-4F</a>	10.7-11.7	-46	25.5	36	7	29	10	1100	5
<a href="#">FLM1011-6F</a>	10.7-11.7	-49	25	37.5	7.5	28	10	1800	4
<a href="#">FLM1011-8F</a>	10.7-11.7	-46	28.5	39	7	29	10	2200	3
<a href="#">FLM1213-12F</a>	12.7-13.2	-45	28	40.5	5.5	24	10	3300	2.3
<a href="#">FLM1213-4F</a>	12.7-13.2	-46	25.5	36	6.5	28	10	1100	5
<a href="#">FLM1213-6F</a>	12.7-13.2	-49	25	37.5	7	28	10	1650	4
<a href="#">FLM1213-8F</a>	12.7-13.2	-46	28.5	39	6.5	28	10	2200	3
<a href="#">FLM1314-12F</a>	13.75-14.5	-45	29	41	6	23	10	4200	1.8
<a href="#">FLM1314-18F</a>	13.75-14.5	-30	36	42.5	6	27	10	5000	1.8
<a href="#">FLM1314-3F</a>	13.75-14.5	-45	24	35	5.5	27	10	900	5

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Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	VDS (V)	IDS(RF) (mA)	Rth (°C/W)
<a href="#">FLM1314-6F</a>	13.75-14.5	-45	26.5	37.5	5.5	22	10	1800	4
<a href="#">FLM1314-8F</a>	13.75-14.5	-45	28	39	6	27	10	2400	2.8
<a href="#">FLM1414-12F</a>	14.0-14.5	-	-	41	6	23	10	3600	1.8
<a href="#">FLM1414-15F</a>	14.0-14.5	-45	30	42	6	26	10	4200	1.8
<a href="#">FLM1414-3F</a>	14.0-14.5	-46	24	35	6.5	27	10	900	5
<a href="#">FLM1414-4F</a>	14.0-14.5	-46	25.5	36	6	27	10	1100	5
<a href="#">FLM1414-6F</a>	14.0-14.5	-46	26.5	37.5	6.5	24	10	1800	4
<a href="#">FLM1414-8F</a>	14.0-14.5	-46	28.5	39	6	27	10	2200	3
<a href="#">FLM1415-3F</a>	14.5-15.3	-45	23.5	34.5	5.5	23	10	900	5
<a href="#">FLM1415-4F</a>	14.5-15.3	-	-	36	5.5	26	10	1100	5
<a href="#">FLM1415-6F</a>	14.5-15.3	-45	26	37	5.5	20	10	1800	4
<a href="#">FLM1415-8F</a>	14.5-15.3	-	-	39	5	25	10	2200	3
<a href="#">FLM3135-18F</a>	3.1-3.5	-45	32	43	10.5	37	10	4800	1.6
<a href="#">FLM3135-4F</a>	3.1-3.5	-45	25.5	36.5	12	38	10	1100	5
<a href="#">FLM3135-8F</a>	3.1-3.5	-45	28.5	39.5	11	37	10	2200	3
<a href="#">FLM3439-12F</a>	3.4-3.9	-46	30.5	41.5	11.5	40	10	3250	2.3
<a href="#">FLM3439-18F</a>	3.4-3.9	-46	32	43	10.5	37	10	4800	1.6
<a href="#">FLM3439-4F</a>	3.4-3.9	-46	25.5	36.5	12	38	10	1100	5
<a href="#">FLM3439-8F</a>	3.4-3.9	-46	28.5	39.5	11	37	10	2200	3
<a href="#">FLM3742-12F</a>	3.7-4.2	-46	30.5	41.5	11.5	40	10	3250	2.3
<a href="#">FLM3742-18F</a>	3.7-4.2	-46	32	43	10.5	37	10	4800	1.6
<a href="#">FLM3742-4F</a>	3.7-4.2	-46	25.5	36.5	12	38	10	1100	5
<a href="#">FLM3742-8F</a>	3.7-4.2	-46	28.5	39.5	11	37	10	2200	3
<a href="#">FLM4450-12F</a>	4.4-5.0	-46	30.5	41.5	10.5	39	10	3250	2.3
<a href="#">FLM4450-18F</a>	4.4-5.0	-46	32	43	9.5	36	10	4800	1.6
<a href="#">FLM4450-25F</a>	4.4-5.0	-46	33.5	44.5	9.5	40	10	6200	1.4
<a href="#">FLM4450-45F</a>	4.4-5.0	-	-	46.5	10	41	12	8000	1.1
<a href="#">FLM4450-4F</a>	4.4-5.0	-46	25.5	36.5	11	37	10	1100	5
<a href="#">FLM4450-8F</a>	4.4-5.0	-46	28.5	39.5	10	36	10	2200	3
<a href="#">FLM5053-12F</a>	5.0-5.3	-46	30.5	41.5	9.5	38	10	3250	2.3

## Транзисторы согласованные - Internally Matched High Power GaAs FETs

Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	VDS (V)	IDS(RF) (mA)	Rth (°C/W)
<a href="#">FLM5053-18F</a>	5.0-5.3	-46	32	43	8.5	35	10	4800	1.6
<a href="#">FLM5053-25F</a>	5.0-5.3	-46	33.5	44.5	8.5	39	10	6200	1.4
<a href="#">FLM5053-35F</a>	5.0-5.3	-45	34.5	45.5	8	35	10	8000	1.1
<a href="#">FLM5053-4F</a>	5.0-5.3	-46	25.5	36.5	10.5	37	10	1100	5
<a href="#">FLM5053-8F</a>	5.0-5.3	-46	28.5	39.5	9.5	36	10	2200	3
<a href="#">FLM5359-12F</a>	5.3-5.9	-46	30.5	41.5	9.5	38	10	3250	2.3
<a href="#">FLM5359-18F</a>	5.3-5.9	-46	32	43	8.5	35	10	4800	1.6
<a href="#">FLM5359-25F</a>	5.3-5.9	-46	33.5	44.5	8.5	39	10	6200	1.4
<a href="#">FLM5359-35F</a>	5.3-5.9	-	-	45.5	9	35	10	8500	1.1
<a href="#">FLM5359-45F</a>	5.3-5.9	-	-	46.5	8.5	36	12	8500	0.8
<a href="#">FLM5359-4F</a>	5.3-5.9	-46	25.5	36.5	10.5	37	10	1100	5
<a href="#">FLM5359-8F</a>	5.3-5.9	-46	28.5	39.5	9.5	36	10	2200	3
<a href="#">FLM5964-12F</a>	5.9-6.4	-46	30.5	41.5	10	37	10	3250	2.3
<a href="#">FLM5964-12F/001</a>	5.85-6.75	-45	30.5	41.5	9	37	10	3250	2.3
<a href="#">FLM5964-18F</a>	5.9-6.4	-46	32	43	10	37	10	4875	1.6
<a href="#">FLM5964-18F/001</a>	5.85-6.75	-45	31.5	42.5	9	35	10	4400	1.6
<a href="#">FLM5964-25F</a>	5.9-6.4	-46	33.5	44.5	10	37	10	6500	1.4
<a href="#">FLM5964-35F</a>	5.9-6.4	-40	35	45.5	9	36	10	8500	1.1
<a href="#">FLM5964-45F</a>	5.9-6.4	-40	35.5	47	8.5	39	10	11000	1.1
<a href="#">FLM5964-4F</a>	5.9-6.4	-46	25.5	36.5	10	37	10	1100	5
<a href="#">FLM5964-4F/001</a>	5.85-6.75	-45	25.5	36.5	9.5	36	10	1100	5
<a href="#">FLM5964-6F</a>	5.9-6.4	-46	27.5	38.5	10	37	10	1625	4
<a href="#">FLM5964-8F</a>	5.9-6.4	-46	28.5	39.5	10	37	10	2200	3
<a href="#">FLM5964-8F/001</a>	5.85-6.75	-45	28.5	39.5	9	35	10	2200	3
<a href="#">FLM5972-12F</a>	5.9-7.2	-45	30.5	41.5	9.5	37	10	3250	2.3
<a href="#">FLM5972-4F</a>	5.9-7.2	-45	25.5	36.5	9.5	36	10	1100	5
<a href="#">FLM5972-8F</a>	5.9-7.2	-45	28	39	8.5	31	10	2200	3
<a href="#">FLM6472-12F</a>	6.4-7.2	-46	30.5	41.5	9.5	37	10	3250	2.3
<a href="#">FLM6472-18F</a>	6.4-7.2	-46	32	43	9.5	37	10	4875	1.6
<a href="#">FLM6472-25F</a>	6.4-7.2	-46	33.5	44.5	9.5	38	10	6500	1.4

Транзисторы согласованные - Internally Matched High Power GaAs FETs

Part Number	Freq. (GHz)	IM3 (dBc)	SCL Pout (dBm)	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	VDS (V)	IDS(RF) (mA)	Rth (°C/W)
<a href="#">FLM6472-4F</a>	6.4-7.2	-46	25.5	36.5	9.5	36	10	1100	5
<a href="#">FLM6472-8F</a>	6.4-7.2	-46	28.5	39.5	9.5	36	10	2200	3
<a href="#">FLM7179-12F</a>	7.1-7.9	-46	30.5	41.5	9	38	10	3250	2.3
<a href="#">FLM7179-18F</a>	7.1-7.9	-46	32	42.5	8	30	10	4875	1.6
<a href="#">FLM7179-4F</a>	7.1-7.9	-46	25.5	36.5	9	35	10	1100	5
<a href="#">FLM7179-8F</a>	7.1-7.9	-46	28.5	39.5	9	35	10	2200	3
<a href="#">FLM7185-12F</a>	7.1-8.5	-45	30	41	8	30	10	3500	2.3
<a href="#">FLM7185-6F</a>	7.1-8.5	-45	27	38	8	30	10	1625	4
<a href="#">FLM7785-12F</a>	7.7-8.5	-46	30.5	41.5	8.5	34	10	3500	2.3
<a href="#">FLM7785-18F</a>	7.7-8.5	-45	31.5	42.5	7	29	10	4700	1.6
<a href="#">FLM7785-45F</a>	7.7-8.5	-	-	46.5	7	32.5	10	11000	1.1
<a href="#">FLM7785-4F</a>	7.7-8.5	-46	25.5	36.5	8.5	35	10	1100	5
<a href="#">FLM7785-6F</a>	7.7-8.5	-46	27.5	38.5	8.5	31	10	1750	4
<a href="#">FLM7785-8F</a>	7.7-8.5	-46	28.5	39.5	8.5	34	10	2200	3
<a href="#">FLM8596-12F</a>	8.5-9.6	-45	29.5	40.5	7.5	25	10	3600	2.3
<a href="#">FLM8596-15F</a>	8.5-9.6	-	-	42	7.5	32	10	4000	2.3
<a href="#">FLM8596-4F</a>	8.5-9.6	-45	25.5	36	7.5	29	10	1100	5
<a href="#">FLM8596-8F</a>	8.5-9.6	-45	28.5	39	7.5	29	10	2200	3

Транзисторы предсогласованные - High Power GaAs FETs

Part Number	Freq. Band	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	Specified Freq. (GHz)	VDS (V)	IDS(DC) (mA)	Rth (°C/W)	Package
<a href="#">FLC057WG</a>	C	27.0	9	38	8	10	120	27	WG
<a href="#">FLC097WF</a>	C	28.8	8.5	35	6	10	180	25	WF
<a href="#">FLC107WG</a>	C	30.0	8	36	8	10	240	16	WG
<a href="#">FLC167WF</a>	C	31.8	7.5	35	6	10	360	15	WF
<a href="#">FLC257MH-6</a>	C	34.0	9	36	6.4	10	600	8	MH
<a href="#">FLC257MH-8</a>	C	34.0	8	35	8.5	10	600	8	MH
<a href="#">FLK017WF</a>	Ku	20.5	7.5	26	14.5	10	36	65	WF



## Транзисторы предсогласованные - High Power GaAs FETs

Part Number	Freq. Band	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	Specified Freq. (GHz)	VDS (V)	IDS(DC) (mA)	Rth (°C/W)	Package
<a href="#">FLK027WG</a>	Ku	24.0	7	32	14.5	10	60	40	WG
<a href="#">FLK057WG</a>	Ku	27.0	7	32	14.5	10	120	20	WG
<a href="#">FLK107MH-14</a>	Ku	30.0	6.5	31	14.5	10	240	15	MH
<a href="#">FLL107ME</a>	L	29.5	13.5	47	2.3	10	180	25	ME
<a href="#">FLL120MK</a>	L	40.0	10	40	2.3	10	2200	3.3	MK
<a href="#">FLL177ME</a>	L	32.5	12.5	46	2.3	10	360	15	ME
<a href="#">FLL200IB-1</a>	L	42.5	13	35	1.5	10	4800	1.6	IB
<a href="#">FLL200IB-2</a>	L	42.5	11	34	2.3	10	4800	1.6	IB
<a href="#">FLL200IB-3</a>	L	42.5	11	34	2.6	10	4800	1.6	IB
<a href="#">FLL300IL-1</a>	L	44.5	13	45	0.9	10	6000	1	IL
<a href="#">FLL300IL-2</a>	L	44.5	12	44	1.8	10	6000	1	IL
<a href="#">FLL300IL-3</a>	L	44.5	10	42	2.6	10	6000	1	IL
<a href="#">FLL357ME</a>	L	35.5	11.5	46	2.3	10	720	7.5	ME
<a href="#">FLL57MK</a>	L	36.0	11.5	37	2.3	10	990	6.2	MK
<a href="#">FLU10XM</a>	L	29.5	14.5	47	2	10	180	25	XM
<a href="#">FLU10ZME1</a>	L	29.5	13	46	2	10	180	15	ZM
<a href="#">FLU17XM</a>	L	32.5	12.5	46	2	10	360	15	XM
<a href="#">FLU17ZME1</a>	L	32.5	12.5	45	2	10	360	12	ZM
<a href="#">FLU35XM</a>	L	35.5	12.5	46	2	10	720	7.5	XM
<a href="#">FLU35ZME1</a>	L	35.5	11.5	45	2	10	720	5	ZM
<a href="#">FLX107MH-12</a>	X	30.0	7.5	33	12.5	10	240	15	MH
<a href="#">FLX207MH-12</a>	X	32.5	7	28	12.5	10	480	10	MH

## Усилители мощности - Power Amplifier MMICs GaAs (Packages)

Part Number	Freq. (GHz)	P1dB (dBm)	G1dB (dBm)	OIP3 (dBm)	VDD (V)	IDD (DC) (mA)	IDD(P1dB) (mA)
<a href="#">EMM5068VU</a>	9.5-13.3	33 (f=9.5-11.7GHz) 31 (f=11.7-13.3GHz)	25 (f=9.5-11.7GHz) 23 (f=11.7-13.3GHz)	40	6	1300	1500
<a href="#">EMM5074VU</a>	5.8-8.5	32 (f=5.8-7.1GHz) 33 (f=7.1-8.5GHz)	26	41	6	1200	1400

Усилители мощности - Power Amplifier MMICs GaAs (Packages)

Part Number	Freq. (GHz)	P1dB (dBm)	G1dB (dBm)	OIP3 (dBm)	VDD (V)	IDD (DC) (mA)	IDD(P1dB) (mA)
<a href="#">EMM5075VU</a>	12.7-15.4	33	25	42	6	1200	1500
<a href="#">EMM5077VU</a>	3.4-5.0	31 (f=3.4-4.2GHz) 29.5 (f=4.2-5.0GHz)	25	39.5 (f=3.4-4.2GHz) 38 (f=4.2-5.0GHz)	6	1100	1200
<a href="#">EMM5078ZV</a>	3.4-8.5	26	29	35	6	300	350
<a href="#">EMM5079ZB</a>	10-15.4	25.5 (f=10-11.7GHz) 24 (f=11.7-15.4GHz)	22	31 (f=10-11.7GHz) 35 (f=11.7-15.4GHz)	6	350	380
<a href="#">EMM5081V1B</a>	13.75-14.5	33.5	29	39.5	6	1200	1400
<a href="#">EMM5832VU</a>	21.2-26.5	31	19	36.5	6	800	1000
<a href="#">EMM5836V1B</a>	17.7-19.7	32.5	26	40	6	1400	1800
<a href="#">EMM5838V1B</a>	29.5-30.0	26	24	-	6	220	280
<a href="#">FMM5056VF</a>	5.8-7.2	34	28	-	10	1100	1100
<a href="#">FMM5057VF</a>	7.1-8.5	34	26	-	10	1100	1100
<a href="#">FMM5059VF</a>	13.75-14.5	35	28	40	7	1300	1600
<a href="#">FMM5059VU</a>	13.75-14.5	33.5	29	39.5	6	1200	1400
<a href="#">FMM5061VF</a>	9.5-13.3	33 (f=9.5-11.7GHz) 31 (f=11.7-13.3GHz)	26 (f=9.5-11.7GHz) 24 (f=11.7-13.3GHz)	41.5	6	-	1700
<a href="#">FMM5822VU</a>	17.7-19.7	32	21	38.5	6	850	1100
<a href="#">SMM5085V1B</a>	12.7-15.4	32.5	24	42	6	1200	1500
<a href="#">SMM5845V1B</a>	21.2-23.6	33	21	41	6	1400	1800
<a href="#">SMM5846V1D</a>	27.5-29.5	31	19	39	6	1100	1450
<a href="#">SMM5854V1D</a>	17.7-19.7	32.5	26	40	6	1400	1800
<a href="#">SMM5855V1D</a>	21.2-23.6	33	24	41	6	1400	1800

Усилители мощности - Power Amplifier MMICs GaAs (Die)

Part Number	Freq. (GHz)	P1dB (dBm)	G1dB (dBm)	OIP3 (dBm)	VDD (V)	IDD(P1dB) (mA)
<a href="#">EMM5068X</a>	9.5-13.3	33	25	42.5	6	1500
<a href="#">EMM5074X</a>	5.8-8.5	32 (f=5.8-7.1GHz) 32.5 (f=7.1-8.5GHz)	27	41	6	1450
<a href="#">EMM5075X</a>	12.7-15.4	33	26	43.5	6	1300
<a href="#">EMM5078X</a>	3.4-8.5	26	29	35	6	350

Усилители мощности - Power Amplifier MMICs GaAs (Die)

Part Number	Freq. (GHz)	P1dB (dBm)	G1dB (dBm)	OIP3 (dBm)	VDD (V)	IDD(P1dB) (mA)
<a href="#">EMM5079X</a>	10-15.4	25	22.5	31 (f=10-11.7GHz) 35 (f=11.7-15.4GHz)	6	350
<a href="#">EMM5717X</a>	12.7-24	18	22	-	3	180
<a href="#">EMM5834X</a>	12.7-27	26	23	32.5	6	370
<a href="#">EMM5840X</a>	21-27	31	24	39	6	1000
<a href="#">FMM5714X</a>	37-42	17(f=37GHz) 20(f=42GHz)	21	26.5(f=37GHz) 29(f=42GHz)	3	200
<a href="#">FMM5715X</a>	57-64	16	17	-	3	150
<a href="#">FMM5804X</a>	17.5-31.5	25(f=17.5-30GHz) 23(f=30-31.5GHz)	18	-	6	300
<a href="#">FMM5820X</a>	29.5-30	35	23	-	7	2200
<a href="#">FMM5822X</a>	17.5-20	32.5	21	41	6	1000
<a href="#">SMM5737X</a>	71-76	25.5	25	32	4	1320
<a href="#">SMM5738X</a>	81-86	24.5	25	32	4	1320
<a href="#">SMM5846X</a>	27.5-29.5	31	19	39	6	1450

Транзисторы маломощные - GaAs HEMTs

Part Number	NF (dB)	Gas (dB)	VDS (V)	IDS(DC) (mA)	Specified Freq. (GHz)	Package
<a href="#">FHC30LG</a>	0.35	14.5	2	10	4	LG
<a href="#">FHC40LG</a>	0.3	15.5	2	10	4	LG
<a href="#">FHX04LG</a>	0.75	10.5	2	10	12	LG
<a href="#">FHX04X</a>	0.75	10.5	2	10	12	die
<a href="#">FHX05LG</a>	0.9	10.5	2	10	12	LG
<a href="#">FHX05X</a>	0.9	10.5	2	10	12	die
<a href="#">FHX06LG</a>	1.1	10.5	2	10	12	LG
<a href="#">FHX06X</a>	1.1	10.5	2	10	12	die
<a href="#">FHX13LG</a>	0.45	13	2	10	12	LG
<a href="#">FHX13X</a>	0.45	13	2	10	12	die
<a href="#">FHX14LG</a>	0.55	13	2	10	12	LG
<a href="#">FHX14X</a>	0.55	13	2	10	12	die
<a href="#">FHX35LG</a>	1.2	10	3	10	12	LG

## Транзисторы малозумящие - GaAs HEMTs

Part Number	NF (dB)	Gas (dB)	VDS (V)	IDS(DC) (mA)	Specified Freq. (GHz)	Package
<a href="#">FHX35LP</a>	1.2	10	3	10	12	LP
<a href="#">FHX35X</a>	1.2	10	2	10	12	die
<a href="#">FHX45X</a>	0.55	12	2	10	12	die
<a href="#">FHX76LP</a>	0.4	13.5	2	10	12	LP

## Транзисторы малосигнальные - Small Signal GaAs FETs

Part Number	P1dB (dBm)	G1dB (dB)	Specified Freq. (GHz)	VDS (V)	IDS(DC) (mA)	NF (dB)	Rth (°C/W)	Specified Freq. (GHz)	VDS (V)	IDS(DC) (mA)
<a href="#">FSU01LG</a>	20	19	2	6	40	0.5	18.5	2	3	10
<a href="#">FSU02LG</a>	23	17	2	6	80	1.5	17.5	2	3	20
<a href="#">FSX017LG</a>	16	8	12	4	30	-	-	-	-	-
<a href="#">FSX017WF</a>	21.5	11	8	8	39	2.5	10.5	8	3	10
<a href="#">FSX027WF</a>	24.5	10	8	8	77	2.5	9.5	8	3	30

## Транзисторы - GaAs FETs (Die)

Part Number	P1dB (dBm)	G1dB (dB)	$\eta_{add}$ (%)	Freq. (GHz)	VDS (V)	IDS (mA)	Application
<a href="#">FLC087XP</a>	28.5	7	31.5	8.0	10	180	C-band Amplifier
<a href="#">FLC157XP</a>	31.5	6	29.5	8.0	10	360	C-band Amplifier
<a href="#">FLK017XP</a>	20.5	8	26	14.5	10	36	Ku-band Amplifier
<a href="#">FLK027XP</a>	24	7	32	14.5	10	60	Ku-band Amplifier
<a href="#">FLK027XV</a>	24	7	32	14.5	10	60	Ku-band Amplifier
<a href="#">FLK057XV</a>	27	7	32	14.5	10	120	Ku-band Amplifier
<a href="#">FLK107XV</a>	30	6.5	31	14.5	10	240	Ku-band Amplifier
<a href="#">FLK207XV</a>	32.5	6	27	14.5	10	480	Ku-band Amplifier
<a href="#">FLX257XV</a>	33.5	7.5	31	10.0	10	600	X-band Amplifier
<a href="#">FSX017X</a>	21.5	11	42	8.0	8	38	X-band Amplifier
<a href="#">FSX027X</a>	24.5	10	41	8.0	8	77	X-band Amplifier

Усилители мощности маломощные - Low Noise Amplifier MMICs

Part Number	Freq. (GHz)	P1dB (dBm)	Gas(dB)	IIP3 (dBm)	NF (dB)	VDD(DC) (V)	IDD(DC) (mA)	IDD(RF) (mA)	Package
<a href="#">EMM5717X</a>	12.7-24	18	23	-	2.5	3	-	180	Die
<a href="#">FMM5701X</a>	18-28	7	13.5	-	1.5	5	12	12	Die
<a href="#">FMM5703X</a>	24-32	9	18	-	2	3	20	20	Die
<a href="#">FMM5704X</a>	36-40	9	18	-	2	3	20	20	Die
<a href="#">FMM5709X</a>	17.5-32	12.5	23	-	2.5	3	-	60	Die
<a href="#">FMM5714X</a>	37-42	17(f=37GHz) 20(f=42GHz)	22	-	3	3	200	200	Die
<a href="#">FMM5716X</a>	57-64	10	22	-	5	3	30	30	Die

Умножители - Multiplier MMICs

Part Number	Input Freq. (GHz)	Output Freq. (GHz)	Pout (dBm)	Gc (dB)	VDD (V)	IDD(DC) (mA)	IDD(RF) (mA)	Function
<a href="#">FMM5118X</a>	10-16	20-32	18	14	5	100	130	Doubler
<a href="#">FMM5125X</a>	14.25-16	57-64	5	-5	5	-	100	Quadrupler