

Basestation product portfolio

1-GHz finals and drivers

Product	Package	Matching	Mode of operation	Frequency band (min - max)	Output power	Power gain	Efficiency	Intermodulation distortion (IM3)	Adjacent channel leakage ratio (ACLR)	Adjacent channel power ratio @400kHz (ACPR400)	Adjacent channel power ratio @ 600 kHz (ACPR600)	Error vector magnitude (EVM)	Thermal resistance (Rth)
		(I/O)		(MHz)	(W)	(dB)	(%)	(dBc)	(dBc)	(dBc)	(dBc)	(%)	(K/W)
Finals													
BLF6G10LS-200R	SOT502B	I/O	2C W-CDMA	869 - 894	40	20	27	-	-40	-	-	-	0.35
BLF6G10LS-160	SOT502B	I	2C W-CDMA	800 - 1000	32	22	27	-	-42	-	-	-	0.42
BLC6G10LS-160	SOT896B	I	2C W-CDMA	800 - 1000	32	22.5	27	-	-42	-	-	-	0.42
BLC6G10-160	SOT895A	I	2C W-CDMA	800 - 1000	32	22.5	27	-	-42	-	-	-	0.61
BLF6G10LS-135R	SOT502B	I/O	2C W-CDMA	869 - 894	26	21	28.5	-	-40	-	-	-	0.56
Drivers													
BLF6G10S-45	SOT608B	I/O	CW 2C W-CDMA	800 - 1000	45 1	23.5 23	60 8	-	-50	-	-	-	1.70
BLF6G10-45	SOT608A	I/O	CW 2C W-CDMA	800 - 1000	45 1	23.5 22.5	60 7.8	-	-50	-	-	-	1.70
BLF6G21-15	SOT538A	-	CW	800 - 4000	10	TBD	10	-45	-48	-	-	-	TBD
BLF3G21-30	SOT467C	-	2-Tone PHS class A	HF - 2200	30 9	13.5 16	35 20	-26	-	-	-75	-	1.60
BLF3G21-6	SOT538A	-	2-Tone PHS class A	HF - 2200	6 2	13.5 16	35 20	-23	-	-	-75	-	10
BLF1046	SOT467C	-	CW	HF - 1000	50	16	60	-	-	-	-	-	1.87
BLF1822-10	SOT467C	-	CW	HF - 2200	12	13	40	-	-	-	-	-	5
BLF1043	SOT538A	-	CW	HF - 1000	10	18.5	55	-	-	-	-	-	9
BGF802-20	SOT365C	-	CW CDMA	869 - 894	25 3	30	50 18	-	-69	-	-	-	-
BGF844	SOT365C	-	CW EDGE	869 - 894	23 2.5	30	50 16	-	-	-65	-	0.4	-
BGF944	SOT365C	-	CW EDGE	920 - 960	17 2.5	30	50 16	-	-	-65	-	0.4	-

Basestation product portfolio

2-GHz finals and drivers

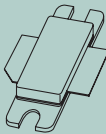
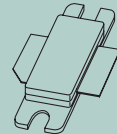
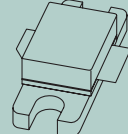
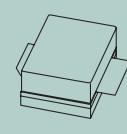
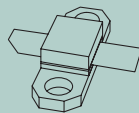
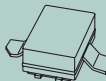
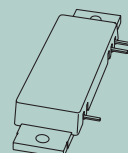
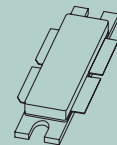
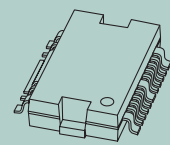
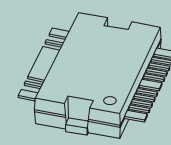
Product	Package	Matching	Mode of operation	Frequency band (min - max)	Output power	Power gain	Efficiency	Intermodulation distortion (IM3)	Adjacent channel leakage ratio (ACLR)	Adjacent channel power ratio @400kHz (ACPR400)	Adjacent channel power ratio @ 600 kHz (ACPR600)	Error vector magnitude (EVM)	Thermal resistance (Rth)
		(I/O)		(MHz)	(W)	(dB)	(%)	(dBc)	(dBc)	(dBc)	(dBc)	(%)	(K/W)
Finals													
BLF6G20-180PN	SOT539A	I/O	2C W-CDMA	1800 - 2000	50	18	29.5	-35	-	-	-	-	0.45
BLF6G20LS-180R	SOT502B	I/O	2C W-CDMA	1800 - 2000	40	17	27	-41	-37	-	-	-	0.35
BLF6G20-180R	SOT502A	I/O	2C W-CDMA	1800 - 2000	40	17	27	-41	-37	-	-	-	TBD
BLF6G20LS-140	SOT896B	I/O	2C W-CDMA	1800 - 2000	35.5	16.5	30	-37	-40	-	-	-	0.49
BLF6G20LS-110	SOT502B	I/O	2C W-CDMA	1800 - 2000	25	18	31	-37	-40	-	-	-	0.45
BLF6G20-110	SOT502A	I/O	2C W-CDMA	1800 - 2000	25	19	31	-37	-40	-	-	-	0.52
BLC6G20LS-110	SOT896B	I/O	2C W-CDMA	1800 - 2000	25	19	32	-37	-40	-	-	-	0.45
BLC6G20-110	SOT895A	I/O	2C W-CDMA	1800 - 2000	25	18	32	-37	-40	-	-	-	TBD
BLF6G20LS-75	SOT502B	I/O	CW EDGE	1800 - 2000	63 29.5	19 19	52 37.5	-	-	-61.5	-73	1.7	0.75
BLF6G20-75	SOT502A	I/O	CW EDGE	1800 - 2000	63 29.5	19 19	52 37.5	-	-	-61.5	-73	1.7	TBD
BLC6G20LS-75	SOT896B	I/O	CW EDGE	1800 - 2000	63 29.5	19 19	57 40	-	-	-61.5	-72	0.9	0.75
BLC6G20-75	SOT895A	I/O	CW EDGE	1800 - 2000	63 29.5	19 19	57 40	-	-	-61.5	-72	1.7	0.90
Drivers													
BLF6G20S-45	SOT608B	I/O	2C W-CDMA	1800 - 2000	2.5	19.2	14	-	-50	-	-	-	1.70
BLF6G20-45	SOT608A	I/O	2C W-CDMA	1800 - 2000	2.5	19.2	14	-	-50	-	-	-	1.70
BLF6G21-10	SOT538A	-	CW	800 - 4000	10	TBD	10	-45	-48	-	-	-	TBD
BLF3G21-30	SOT467C	-	2-Tone PHS class A	HF - 2200	30 9	13.5 16	35 20	-26	-	-	-75	-	1.60
BLF3G21-6	SOT538A	-	2-Tone PHS class A	HF - 2200	6 2	13.5 16	35 20	-23	-	-	-75	-	10
BLF2045	SOT467C	-	CW	1800 - 2200	30	11	30	-	-	-	-	-	2.10
BLF1822-10	SOT467C	-	CW	HF - 2200	12	13	40	-	-	-	-	-	5
BLF2043	SOT538A	-	CW	HF - 2200	12	12	40	-	-	-	-	-	9
BLF2043F	SOT467C	-	CW	HF - 2200	10	12	30	-	-	-	-	-	5
BGF1801-10	SOT365C	-	CW EDGE	1805 - 1880	10 3.5	26	35 20	-	-	-63	-	1.2	-

Basestation product portfolio

2.2-GHz finals and drivers

Product	Package	Matching	Mode of operation	Frequency band (min - max)	Output power	Power gain	Efficiency	Intermodulation distortion (IM3)	Adjacent channel leakage ratio (ACLR)	Adjacent channel power ratio @400kHz (ACPR400)	Adjacent channel power ratio @ 600 kHz (ACPR600)	Error vector magnitude (EVM)	Thermal resistance (Rth)
		(I/O)		(MHz)	(W)	(dB)	(%)	(dBc)	(dBc)	(dBc)	(dBc)	(%)	(K/W)
Finals													
BLF6G22-180PN	SOT539A	I/O	2C W-CDMA	2000 - 2200	50	17.5	27.5	-	-35	-	-	-	0.45
BLF6G22LS-180R	SOT502B	I/O	IS-95	2000 - 2200	40	16	25	-37	-41	-	-	-	TBD
BLF6G22-180R	SOT502A	I/O	IS-95	2000 - 2200	40	16	25	-37	-41	-	-	-	TBD
BLF6G22LS-140	SOT502B	I/O	2C W-CDMA	2000 - 2200	32	17	28	-37	-40	-	-	-	TBD
BLF6G22LS-130	SOT502B	I/O	2C W-CDMA	2000 - 2200	30	17	28.5	-37	-40	-	-	-	0.43
BLF6G22LS-100	SOT502B	I/O	2C W-CDMA	2000 - 2200	25	18.2	29	-37	-41	-	-	-	0.43
BLF6G22-100	SOT502A	I/O	2C W-CDMA	2000 - 2200	25	17.6	29	-36	-39	-	-	-	TBD
BLC6G22-100	SOT895A	I/O	2C W-CDMA	2000 - 2200	-	-	-	-	-	-	-	-	TBD
BLF6G22LS-75	SOT502B	I/O	2C W-CDMA	2000 - 2200	17	18.7	30.5	-37.5	-41.5	-	-	-	0.75
BLC6G22LS-75	SOT896B	I/O	2C W-CDMA	2000 - 2200	17	18.5	31	-37	-41	-	-	-	0.75
BLC6G22-75	SOT895A	I/O	2C W-CDMA	2000 - 2200	17	18.5	31	-37	-41	-	-	-	0.90
Drivers													
BLF6G22S-45	SOT608B	I/O	2C W-CDMA	2000 - 2200	2.5	18.5	13	-	-49	-	-	-	1.70
BLF6G22-45	SOT608A	I/O	2C W-CDMA	2000 - 2200	2.5	18.5	13	-	-49	-	-	-	1.70
BLM6G22-30G	SOT822-1	I/O	2C W-CDMA	2100 - 2200	2	29.5	9	-48	-50	-	-	-	2.1
BLM6G22-30	SOT834-1	I/O	2C W-CDMA	2100 - 2200	2	29.5	9	-48	-50	-	-	-	2.1
BLF6G21-10	SOT538A	-	CW	800 - 4000	10	TBD	10	-45	-48	-	-	-	TBD
BLF3G22-30	SOT608A	I/O	2-Tone PHS class A W-CDMA / UMTS	2000 - 2200	30 10 6.5	14 16 15	34 20 21	-38	-42	-	-	-	1.85
BLF3G21-30	SOT467C	-	2-Tone PHS class A	HF - 2200	30 9	13.5 16	35 20	-26	-	-	-75	-	1.60
BLF3G21-6	SOT538A	-	2-Tone PHS class A	HF - 2200	6 2	13.5 16	35 20	-23	-	-	-75	-	10
BLF1822-10	SOT467C	-	CW	HF - 2200	12	13	40	-	-	-	-	-	5
BLF2043	SOT538A	-	CW	HF - 2200	12	12	40	-	-	-	-	-	9
BLF2043F	SOT467C	-	CW	HF - 2200	10	12	30	-	-	-	-	-	5

Packages

					
SOT502A	SOT502B	SOT896B	SOT895A	SOT608A	SOT608B
					
SOT467C	SOT538A	SOT365C	SOT539A	SOT822-1	SOT834-1

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Date of release: May 2008

Document order number: 9397 750 16521

Printed in the Netherlands