



电子元器件系列 (中国.厦门)

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产品介绍

Low Noise Amplifier

	Frequency(MHz)	Gain(dB)
CL0901	824~894	19.5
	890~960	18
CL1801	1750~1870	15.5
CL2101	1920~2170	14
CL2701	2300~2700	12
CL0902	824~894	21.5
	890~960	20.8
CL1802	1750~1870	16.5
CL2102	1920~2170	15
CL2702	2300~2700	13
L5501(5GHz)	3.5GHz~5.5GHz	17

Gain Block Amplifier

	Frequency(MHz)	Gain(dB)	NF (dB)
GB0908	824~960	18	1.3
GB0915	824~960	18.5	1.3
GB1808	1750~1870	14.5	1.3
GB1815	1750~1870	15	1.3
GB2108	1920~2170	14	1.3
GB2115	1920~2170	14.5	1.3

	Frequency(MHz)	Gain(dB)	P1dB
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Wide Band LNA

	Frequency(MHz)	Gain(dB)	NF(dB)
WL1008	50~1000	16	1.5
WL2208	50~2200	15	1.5
WL1015	50~1000	16	2
WL2215	50~2200	15	2

MMIC / 微波单片集成电路

DC-3GHz 砷化镓HBT 微波单片放大电路AP112

MMIC



	Frequency(MHz)	Gain(dB)	OIP3
AP112	50~2200	17	34
AP205	50~3000	13.5	45
AP403	50~3000	20.5	39
AP406	50~3001	20	27
AP409	50~3002	16	35
AP410	50~3003	20	36
AP608-03	790~850	30	45
AP609-03	850~960	30	45
AP719-03	1750~2100	30	45
AP825-03	1750~2100	30	45

Drive Amp / 驱动放大器

MINI Amp

	Frequency(MHz)	Gain(dB)	Output power
RFC091(12V)	800~1000	20	30
RFC092(24V)	800~1000	23	30
RFC095(24V)	800~1000	12	30
1F5500	5~1000	18	30

Attn / 衰减器

Attn

	Frequency(MHz)	Attn Range(Db)
VA101	50~3000	30@(1000~2000MHz)
DA400	70	64
DA402	70	64

CATV Line-Amp / CATV线性放大器

34dB的CATV放大模块

CATV Line -Amplifier

12v Forward

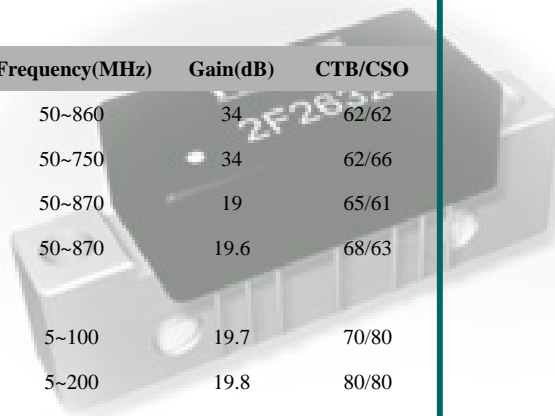
	Frequency(MHz)	Gain(dB)	CTB/CSO
1F3563	50~860	34	62/62
1F2563	50~750	34	62/66
1F3714(Power Doubler)	50~870	19	65/61
1F3511(Push Pull)	50~870	19.6	68/63

12v Reverse

1R1511	5~100	19.7	70/80
1R3511	5~200	19.8	80/80
1R3420	5~200	31	70/70

24v Forward

2F3431(Power Doubler)	50~870	22	67/68
2F2431(Power Doubler)	50~750	22	67/70
2F3632(Push Pull)	50~870	23.5	68/67
2F2632(Push Pull)	50~870	23.3	72/64



Converter / 变频器

	Input Freq(MHz)	Output Freq(MHz)	Gain(dB)
RFUR08-50(Rx-Up)	70(IF)	824~849(RF)	9
RFDR08-51(RX-Down)	824~849(RF)	70(IF)	10
RFDR08-55(Tx-Down)	869~894(RF)	70(IF)	10
RFUR08-56(Rx-Up)	70(IF)	890~915(RF)	9
RFUR08-50(Rx-Up)	70(IF)	890~915(RF)	9
RFDR09-51(Rx-Down)	890~915(RF)	70(IF)	10
RFDR09-55(Tx-Down)	935~960(RF)	70(IF)	10
RFUR09-56 (Rx-Up)	70(IF)	935~960(RF)	10
RFUR19-50 (Rx-Up)	70(IF)	1750~1770(RF)	6.5
RFDR19-51(Rx-Down)	1750~1770(RF)	70(IF)	6.5
RFDR19-55(Tx-Down)	1840~1860(RF)	70(IF)	7
RFDR19-56(Rx-Up)	70(IF)	1840~1860(RF)	7.5
RFUR20-50(Rx-Up)	70(IF)	1920~1960(RF)	7.5
RFDR20-51 (Rx-Down)	1920~1960(RF)	70(IF)	5.5
RFDR20-55(Tx-Down)	2110~2150(RF)	70(IF)	1
RFUR20-56(Rx-Up)	70(IF)	2110~2150(RF)	7.5

Mixer / 混频器

RFUM08-50/56,RFDM08-51/55(cellular)

RFUM09-50/56,RFDM09-51/55(GSM)

RFUM19-50/56,RFDM19-51(PCS)

RFUM20-50A/56A,RFDM20-51A/55A(WCDMA-A)

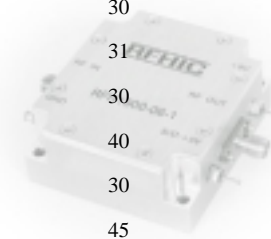
RFUM20-50B/56B,RFDM20-51B/55B(WCDMA-B)

PLL / 锁相环频率综合器

PLL	Output			Frequency(MHz)	Output		
	Frequency(MHz)	Power(dBm)	C/N(@10KHz) dBc/Hz		Frequency(MHz)	Power(dBm)	C/N(@10KHz) dBc/Hz
PDV760	740~780	0	-97	PLV1625	1670~1720	0	-97
PDV825	803~843	0	-97	PLV1705	1680~1730	0	-97
PDV836	816~856	0	-97	PLV1760	1735~1785	0	-97
PDV881	861~901	0	-97	PLV1800	1775~1825	0	-97
PDV945	925~965	0	-97	PLV1855	1830~1880	0	-97
PDV835	813~853	0	-97	PLV1935	1910~1960	0	-97
PDV1018	998~1038	0	-97	PLV1880	1850~1910	0	-97
PLV1550	1525~1575	0	-97	PLV2070	2040~2100	0	-97

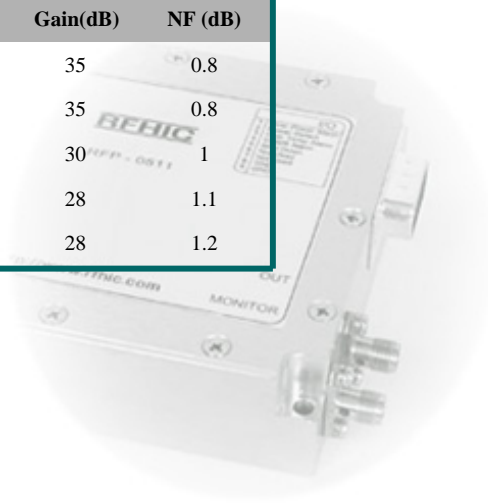
HPA / 高功率放大器

	Frequency(MHz)	Gain(dB)	Output Power(dBm)
RFM0900-06/RFH0900-06	820~880	31	37
RFH0900-10	820~960	30	40
RFM1900-06/RFH1900-06	1750~1870	31	36
RFH1900-10	1750~1870	31	39
RFM2500-01/RFH2500-02	2300~2700	30	30
RFP0511/RFP0512	825~880	31	37
RFP1011/RFP1012	825~880	30	40
RFP0513	824~849	40	37
RFP0515/RFP0516	824~849	30	34
RFP0521/RFP0522	1750~1870	45	36
RFP0525/RFP0526	1750~1870	40	36



LNA Module / 低噪放模块

	Frequency(MHz)	Gain(dB)	NF (dB)
GL0822	800~890	35	0.8
GL0922	880~890	35	0.8
GL1922	1710~1990	30	1
GL2122	1900~2170	28	1.1
GL2722	2300~2700	28	1.2



	Frequency (MHz)	Gain(dB)	NF (dB)
RFL-0935A	825~880	35	0.75
RFL-0935B	825~880	35	0.8
RFL-0936	824~896	35	0.8
RFL-0945AR/AT	824~894	46	0.75
RFL-0945BR/BT	824~894	52	0.75
RFL-0945ER/ET	824~894	45	0.8
RFL-0946BR/BT	825~880	50	0.75
RFL-1940ER/ET	1750~1870	40	1

Converter Module / 变频模块

Optical	RFUD08-12A/16A	Cellular
Channel Selective	RFUD08-21A/25A	Cellular
	RFUD09-21A/25A	GSM
	RFUD19-21A/25A	PCS
Channel Conversion	RFUD08-31A/35A	Cellular
	RFUD09-31A/35A	GSM
	RFUD19-31A/35A	PCS
Broadband	RFUD08-11A/15A	CDMA
	RFUD09-11A/15A	GSM
	RFUD19-11A/15A	PCS
	RFUD20-11A/15A	WCDMA

Linear Amp / 线性放大

	Frequency(MHz)	Gain(dB)	OIP3
LM0105	50~200	12.5	45
LM0905	824~960	14	45
LM1005	100~1500	10.5	45
LM1505	1400~1500	12	45
LM1905	1710~1990	11	45
LM2105	1900~2170	10	45
LM2505	2200~2700	9	45
LM0909	824~960	14	45
LM1009	800~1500	12	45
LM1909	1710~1990	12	45
LM2109	1910~2110	11	45
LM2509	2200~2700	11	45

MMDS

	RF/IF Freq(TX)MHz	RF/IF Freq(RX)MHz
RFMM4200	2659~2683 / 18~42	2503~2600 / 668~765

LMDS & PTP Radio

	Input Freq(MHz)	Output Freq(GHz)	NF(dB)
LU28000	<1000	18~32	11
LD28010	18~32	<2	3.5
LD16010	12~18	<1	2.5

	Frequency(MHz)	Gain(dB)	Output Power(dBm)
LP28025	24~31	42	25
LP17029	12~19	42	29

MCM Tuner

	Frequency(MHz)	Gain(dB)	NF(dB)
RF4500(Double Conversion Tuner)	45~870	36	6