Wideband Amplifiers

Part Number	Typical Frequency Range @ 3 dB down (MHz)	ELECTRICAL CHARACTERISTICS[1] (T_A = 25°C)												Pkg. Code	Package Description	Fax on Demand Document Numbers
		Vcc (V)	Icc (mA)			NF (dB)	Gain (dB)			RLIN (dB)	RLOUT (dB)	P1dB (dBm)	ISOL (dB)			
			MIN	TYP	MAX	TYP	MIN	TYP	MAX	TYP	TYP	TYP	TYP			
UPC1678GV[6]	2000	5	40	49	60	6.0	21	23	25	14	4	+15.9	35	S08	8 pin SSOP	525
UPC2708T[2]	2900	5	20	26	33	6.5	13	15	18.5	11	20	+9.2	23	T06	SOT-26	530
NEW UPC2709TB[2]	2300	5	19	25	32	5.0	21	23	26.5	10	10	+8.7	31	S06	SOT-363	581
UPC2710T[6]	1000	5	16	22	29	3.5	30	33	36.5	6	12	+10.8	39	T06	SOT-26	532
UPC2711TB[2]	2900	5	9	12	15	5.0	11	13	16.5	25	12	-2.6	30	S06	SOT-363	573
UPC2712TB[2]	2600	5	9	12	15	4.5	18	20	23.5	12	13	-0.4	33	S06	SOT-363	573
UPC2713T[6]	1200	5	9	12	15	3.2	26	29	33	13	9	+0.3	40	T06	SOT-26	532
UPC2745TB[6]	2700	3	5	7.5	10	6.0	9	12	14	11	5.5	-3.0	38	S06	SOT-363	574
UPC2746TB[6]	1500	3	5	7.5	10	4.0	16	19	21	13	8.5	-3.7	45	S06	SOT-363	574
UPC2747T[3]	1800	3	3.8	5	7	3.3	9	12	14	14	10	-10.9	40	T06	SOT-26	542
UPC2748T[3]	1500	3	4.5	6	8	2.8	16	19	21	11.5	8.5	-8.5	40	T06	SOT-26	543
UPC2749T[4]	2900	3	4	6	8	4	13	16	18.5	10	13	-12.5	30	T06	SOT-26	544
NEW UPC2762TB[4]	2900	3	–	27	35	7.0	11.5	14.5	17.5	8.5	12	+7	25	S06	SOT-363	583
NEW UPC2763TB[4]	2400	3	–	27	35	5.5	16.5	20	22.5	12	9	+6.5	29	S06	SOT-363	583
NEW UPC2771TB[3]	2100	3	–	36	45	6	19	21	24	14	10	+11.5	30	S06	SOT-363	582
NEW UPC2776TB[5]	2700	5	18	25	33	6.0	21	23	26	7.5	20	+6	32	S06	SOT-363	580
NEW UPC2791TB[6]	1900	5	12	17	22	5.5	10	12	14	12	11	+1	24	S06	SOT-363	577
NEW UPC2792TB[6]	1200	5	14	19	24	3.5	17	20	22	15	12	0	28	S06	SOT-363	577

Notes:
1. Z_L = 50 Ω for all Electrical Characteristics.
2. f = 1000 MHz test condition.
3. f = 900 MHz test condition.
4. f = 1900 MHz test condition.
5. f = 1000 MHz test condition.
6. f = 500 MHz test condition.