

RF NPN Power Transistors

Microsemi
Products Powered by Technology

Part Number	Microsemi Division	Package Outline	Data Sheet ID	Application	fT min (MHz)	fT max (MHz)	P(out) (W)	P(in) (W)	HFE max	Vcc (V)	R&JA (C/W)
SD1868	RF Products	M147	19348	L-Band	1600	1650	30	4	8.7	28	3
AM1616-050	RF Products	S036	18778	L-Band	1620		50	1.62	7	26	1.8
SD1891	RF Products	M151	19356	L-Band	1650		3	0.25	10.8	28	
SD1893	RF Products	M151	19359	L-Band	1650		10	0.8	11	28	
SD1888	RF Products	M155	19355	L-Band	1650		19	2.2	9.4	28	
AM1821-003	RF Products	S042	18780	L-Band	1800	2100	3	0.5	7.8	24	15
AM1821-006	RF Products	S042	18781	L-Band	1800	2100	6	1	7.8	24	9.5
AM1821-010	RF Products	S042	18782	L-Band	1800	2100	10	2	7	24	
SD1851	RF Products	M151	19337	S-Band	2000		0.8	0.127	8	20	30
SD1544	RF Products	M120	19304	S-Band	2000		1	0.315	5	28	
MSC80064	RF Products	S011	18947	S-Band	2000		20.5	11.5	9	18	45
AM2023-003	RF Products	S042	18784	S-Band	2000	2300	3	0.5	7.8	24	15
AM2023-006	RF Products	S042	18785	S-Band	2000	2300	6	1	7.8	24	9.5
SD1886	RF Products	M161	19353	S-Band	2000	2300	6	1	7.8	24	
SD1887	RF Products	M147	19354	S-Band	2000	2300	16	4	6	24	
SD1879	RF Products	M155	19352	S-Band	2200	2300	2.8	0.4	8.5	24	
AM82223-020	RF Products	S064	18806	S-Band	2200	2300	20	4	7	22	2.7
SD1870	RF Products	M147	19349	S-Band	2200	2300	18	4	6.5	24	
SD1850	RF Products	M151	19336	S-Band	2300		0.2	0.016	11	15	45
MSC2302	RF Products	S010	18830	S-Band	2300		1.75	0.2	9.4	22	
MSC2304	RF Products	S010	18831	S-Band	2300		3.5	0.5	8.5	22	
MSC2307	RF Products	S010	18832	S-Band	2300		7	1	8.5	22	
AM2327-003	RF Products	S042	18787	S-Band	2300	2700	2.6	0.5	7.2	24	15
AM2327-005	RF Products	S042	18788	S-Band	2300	2700	5	1	7	24	9
AM2630-002	RF Products	S042	18789	S-Band	2650	2950	2	0.35	7.5	24	
AM2630-004	RF Products	S040	18790	S-Band	2650	2950	4	0.75	7.3	28	
AM2630-008	RF Products	S040	18791	S-Band	2650	2950	8	1.8	6.5	28	
MSC3000	RF Products	S010	18833	S-Band	3000		0.5	0.1	7	28	45
MSC3001	RF Products	S010	18834	S-Band	3000		1	0.2	7	28	
MSC3003	RF Products	S010	18835	S-Band	3000		2.5	0.79	2	28	
MSC4000	RF Products	S010	18836	S-Band	4000		0.5	0.16	5	28	45
MSC4001	RF Products	S010	18837	S-Band	4000		1	0.32	5	28	25
MSC4003	RF Products	S010	18838	S-Band	4000		2.5	0.79	5	28	12.5
MSC80264	RF Products	S011	18957	S-Band	4000		20	14	6	12	45

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Section Organization: RF Power Transistors Parametric Section is organized by ascending Applications, followed by ascending fT (MHz)

General Notes:

- All RF Transistors are manufactured by Microsemi RF Products in Montgomeryville, PA
- Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID

Fax On Demand (800) 713-4113

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<http://www.microsemi.com>