

RF NPN Power Transistors

Microsemi
ANALOG SEMICONDUCTORS

Part Number	Microsemi Division	Package Outline	Data Sheet ID	Application	f _T min (MHz)	f _T max (MHz)	P(out) (W)	P(in) (W)	HFE max	V _{cc} (V)	R _{θJA} (C/W)
SD1483	RF Products	M175	19231	VHF	108		300	30	10	28	0.45
SD1015	RF Products	M135	19090	VHF	108	152	30		10		
SD1013	RF Products	M135	19073	VHF	150		10	1	10	28	13.5
SD1013-03	RF Products	M113	19074	VHF	150		10	1	10	28	13.5
SD1019	RF Products	M130	19095	VHF	150		30	10.6	4.5	13.5	1.7
SD1019-05	RF Products	M174	19097	VHF	150		100	25	6	28	
SD1441	RF Products	M111	19224	VHF	150		150	40	5.7	12.5	
SD1273	RF Products	M135	19152	VHF	160		40	5	9	13.6	2.5
SD1012	RF Products	M135	19066	VHF	175		4	0.25	12	12.5	15
SD1012-09	RF Products	M135	19069	VHF	175		4	0.25	12	12.5	
SD1166	RF Products	M113	19135	VHF	175		4	0.25	12	12.5	
SD1127	RF Products	TO-39	19119	VHF	175		4	0.4	10	12.5	
SD1012-03	RF Products	M113	19068	VHF	175		6	0.75	9	12.5	8.75
SD1143	RF Products	M135	19126	VHF	175		10	1	10	12.5	8.75
SD1143-01	RF Products	M113	19127	VHF	175		10	1	10	12.5	8.75
SD1013-09	RF Products	M148	19078	VHF	175		10	1.5	8.25	28	
SD1062	RF Products	M137	19112	VHF	175		7	2	3.4	13.6	
SD1272	RF Products	M135	19149	VHF	175		25	3	9.2	12.5	
SD1272-02	RF Products	M113	19151	VHF	175		25	3	9.2	12.5	
SD1014-02	RF Products	M135	19084	VHF	175		15	3.5	6.3	12.5	5.6
SD1014-06	RF Products	M113	19086	VHF	175		15	3.5	6.3	12.5	5.6
SD1070	RF Products	M137	19113	VHF	175		13.5	3.5	5.9	28	7.6
SD1072	RF Products	M137	19114	VHF	175		12	4	4.8	13.6	
SD1224	RF Products	M135	19138	VHF	175		40	7	7.6	28	2.9
SD1224-02	RF Products	M113	19139	VHF	175		40	7	7.6	28	2.9
SD1216	RF Products	M127	19137	VHF	175		25	9	4.4	13.6	
SD1018	RF Products	M135	19093	VHF	175		40	14	4.5	12.5	2.2
SD1018-06	RF Products	M113	19094	VHF	175		40	14	4.5	12.5	2.2
SD1485	RF Products	M137	19232	UHF	230		200	15.9	11	32	0.45
SD1050	RF Products	M137	19102	UHF	400		3	1	4.7	28	15
SD1060	RF Products	M137	19111	UHF	400		5	1.7	4.7	28	15.1
SD1075	RF Products	M111	19115	UHF	400		10	4	4	28	7.6
SD1462	RF Products	M111	19221	UHF	400		70	8.8	9	28	0.8
SD1468	RF Products	M111	19220	UHF	400		70	10	8.4	28	1.25
SD1468-14	RF Products	M111	19226	UHF	400		70	10	8.5	12.5	
SD1511-08	RF Products	M105	19247	UHF	425		10	1.2	9.2	28	3
SD1474	RF Products	M138	19229	UHF	425		48	10	6.8	28	2
SD1564	RF Products	M119	19311	UHF	425		400	80	7	40	0.15
SD1444	RF Products	TO-39	19213	UHF	470		2			12.5	
SD1144	RF Products	M122	19130	UHF	470		2	0.25	9	12.5	35
SD1429	RF Products	M111	19205	UHF	470		12	2	7.8	12.5	4.6
SD1146	RF Products	M122	19132	UHF	470		10	2.5	6	12.5	4.7
SD1146-03	RF Products	M123	19133	UHF	470		10	2.5	6	12.5	
SD1429-03	RF Products	M111	19207	UHF	470		15	2.5	7.5	12.5	4.6
SD1422	RF Products	M111	19197	UHF	470		25	6	6.2	12.5	2.5
SD1098-03	RF Products	M111	19117	UHF	470		30	7	6.3	12.5	

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

- General Notes:
 1. All RF Transistors are manufactured by Microsemi RF Products in Montgomeryville, PA
 2. 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>