

ASI SEMICONDUCTOR Transistors & MOSFETs



Transistors

Advanced Semiconductor

TRANSISTORS RF BIPOLAR POWER - NPN

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ASI Part No.	Package/ Case	Collector- Emitter Voltage VCEO (Max.) (V)	Continuous Collector Current (A)	DC Collector/ Base Gain hfe (Min.)	Emitter-Base Voltage VEBO (V)	Maximum Operating Frequency (MHz)	Operating Temperature (°C)		Power Dissipation (W)	Price Each		
								Min.	Max.		1	50	100
974-2N5643	2N5643	MT72	35	5	5	4	175	-65	200	60	75.00	50.00	45.00
974-2N6439	2N6439	Case 316-01	33	0	10	4	400	-65	200	146	87.00	58.00	52.20
974-BLV10	BLV10	SOT-123	36	1.5	10	4	950	-65	200	20	63.00	42.00	37.80
974-BLV20	BLV20	SOT-123	35	1	10	4	175	-65	200	20	66.00	44.00	39.60
974-BLV21	BLV21	SOT-123	35	1.75	5	4	175	-65	200	36	66.00	44.00	39.60
974-BLV25	BLV25	Case 316-01	33	17.5	15	4	108	-65	200	220	159.38	116.25	105.00
974-BLV57	BLV57	SOT-161A	27	2	15	3.5	860	-65	200	77	167.88	122.45	110.60
974-BLW50F	BLW50F	SOT-123	55	3.25	19	4	30	-65	200	87	97.75	71.30	64.40
974-BLW77	BLW77	SOT-123	35	12	15	3	28	-65	200	245	72.00	48.00	43.20
974-BLW86	BLW86	SOT-123	35	5	5	4	175	-65	200	60	78.00	52.00	46.80
974-BLW98	BLW98	SOT-122A	25	2	15	3.5	860	-65	200	21.5	87.00	58.00	52.20
974-BLX15	BLX15	-	55	10	15	4	28	-65	200	233	95.63	69.75	63.00
974-MRF1000MB	MRF1000MB	Case 332A-03	20	0.2	15	3.5	1090	-65	200	7	78.00	52.00	46.80
974-MRF221	MRF221	Case 211-07	18	2.5	5	4	-	-65	200	31	66.00	44.00	39.60
974-MRF315A	MRF315A	Case 145A-09	35	5	5	4	200	-65	200	75	72.00	48.00	43.20
974-MRF323	MRF323	Case 244-04	33	2.2	20	4	500	-65	200	55	78.00	52.00	46.80
974-MRF559LF	MRF559LF	Macro X	16	0.15	30	3	870	-65	200	2	4.50	3.00	2.70
974-MRF5943	MRF5943	SOIC-8	30	0.4	25	3.5	1300	-65	200	1	4.50	3.00	2.70
974-MRF8372LF	MRF8372LF	SOIC-8	16	0.2	30	3	800	-65	200	2.2	4.50	3.00	2.70
974-SD1224-02	SD1224-02	M113	35	5	5	4	175	-65	200	60	66.00	44.00	39.60
974-SD1274-01	SD1274-01	SOT-123	18	4	20	4	175	-65	200	65	38.06	34.75	32.06
974-SD1407	SD1407	SOT-123	35	20	10	4	30	-65	200	270	66.00	44.00	39.60
974-SD1446	SD1446	M113	18	12	10	3.5	50	-65	200	183	72.00	48.00	43.20
974-SD1477	SD1477	M111	18	20	10	4	175	-65	200	270	72.00	48.00	43.20
974-SD1480	SD1480	M111	35	20	20	4	175	-65	200	270	76.50	55.80	50.40
974-SD1485	SD1485	M175	35	25	20	3	230	-65	200	385	286.88	209.25	189.00
974-SD2932	SD2932	M244	-	40	-	-	175	-65	200	500	138.13	100.75	91.00
974-SD2942	SD2942	M244	-	40	-	-	175	-65	200	500	138.13	100.75	91.00
974-TH430	TH430	M177	55	40	15	4	30	-65	200	330	82.88	60.45	54.60
974-TP9383	TP9383	M177	25	16	20	4	108	-65	200	230	74.38	54.25	49.00
974-TPV8100B	TPV8100B	Case 398-03	30	12	30	4	860	-65	200	215	201.88	147.25	133.00

TRANSISTORS RF BIPOLAR SMALL SIGNAL - NPN

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	ASI Part No.	Package/ Case	Collector- Emitter Voltage VCEO (Max.) (V)	Continuous Collector Current (A)	DC Collector/ Base Gain hfe (Min.)	Emitter-Base Voltage VEBO (V)	Maximum Operating Frequency (MHz)	Operating Temperature (°C)		Power Dissipation (W)	Price Each		
								Min.	Max.		1	50	100
974-MRF3866	MRF3866	SOIC-8	30	400	5	3.5	200	-55	200	1	4.50	3.00	2.69
974-MRF4427	MRF4427	SOIC-8	20	400	5	2	200	-65	200	1.5	4.50	3.00	2.70
974-MRF553	MRF553	Case 317D-02	16	500	30	4	175	-65	200	3	4.50	3.00	2.70
974-MRF555T	MRF555T	Case 317D-02	16	500	50	3	470	-65	200	3	5.91	3.87	3.66
974-MRF5812LF	MRF5812LF	SOIC-8	15	200	50	2.5	1000	-65	200	1.25	4.50	3.00	2.70
974-MRF581A	MRF581A	Macro-X	15	200	90	2.5	1000	-65	150	1.25	4.50	3.00	2.70
974-MRF586	MRF586	TO-92	17	200	50	2.5	500	-65	200	2.5	10.50	7.00	6.30
974-MRF951	MRF951	Macro-X	10	100	50	1.5	2000	-65	150	1	4.50	3.00	2.70

TRANSISTORS RF MOSFET POWER - N-CHANNEL

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MOUSER STOCK NO.	ASI Part No.	Package/ Case	Configuration	Continuous Drain Current (A)	Drain-Source Breakdown Voltage (V)	Frequency (MHz)	Gate-Source Breakdown Voltage (V)	Gate-Source Threshold Voltage (V)	Operating Temperature (°C)		Power Dissipation (W)	Price Each		
									Min.	Max.		1	50	100
974-AGR09045EF	AGR09045EF	-	Single	4.25	65	895	15	4.8	-65	200	117	66.00	44.00	39.60
974-MRF141	MRF141	Case 211-11	Single	16	65	175	40	5	-65	200	300	74.38	54.25	49.00
974-MRF151GB	MRF151GB	SOT-262A	Dual	40	125	175	40	5	-65	200	500	125.00	94.55	90.73
974-MRF171	MRF171	Case 211-07	Single	4.5	65	200	40	6	-65	200	115	46.00	34.85	33.04
974-MRF172	MRF172	Case 211-07	Single	9	65	200	40	5	-65	200	220	57.00	38.00	34.20
974-MRF174	MRF174	Case 211-11	Single	13	65	200	40	3	-65	200	270	66.00	44.00	39.60