

DIODES INC. MOSFETS and Transistors



Products may be RoHS compliant.
Check mouser.com for RoHS status.

Transistors
Diodes Inc.

DIODES INC. MOSFETS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	Ch	V _{DSS} (V)	RDS (On)	ID (mA)	Price Each			
							1	10	100	500
N-Channel Enhancement Mode										
621-BSS138W-F	BSS138W7-F	SOT-323	Single	50	3.5Ω	200	.55	.44	.264	.209
621-2N7002T-F	2N7002T-7-F	SOT-523	Single	60	7.5Ω	115	.60	.48	.288	.228
621-BS870-F	BS8707-F	SOT-23	Single	60	5.0Ω	250	.50	.40	.225	.18
621-BSS123W-F	BSS123W7-F	SOT-323	Single	100	6.0Ω	170	.52	.42	.252	.189
Dual N-Channel Enhancement Mode										
621-BSS138DW-F	BSS138DW7-F	SOT-363	Dual	50	3.5Ω	200	.74	.53	.379	.305
621-2N7002V	2N7002V7	SOT-563	Dual	60	3.5Ω	280	.67	.54	.40	.277
P-Channel Enhancement Mode										
621-BSS84-F	BSS847-F	SOT-23	Single	-50	10Ω	-130	.50	.40	.225	.18
621-BSS84W-F	BSS84W7-F	SOT-323	Single	-50	10Ω	-130	.55	.44	.264	.209
Dual P-Channel Enhancement Mode										
621-BSS84DW-F	BSS84DW7-F	SOT-363	Dual	-50	10Ω	-130	.74	.59	.44	.305
N-Channel/P-Channel Array Enhancement Mode										
621-BSS8402DW-F	BSS8402DW7-F	SOT-363	---	60	10Ω	115	.74	.59	.379	.305
				-50	10Ω	-130				

DIODES INC. BIPOLAR TRANSISTORS

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	V _{CEO} (V)	IC (Max.) (mA)	RDS (On)	ID (mA)	Price Each			
							1	10	100	500
NPN Transistors										
621-MMSTA42-F	MMSTA42-7-F	SOT-323	300	300	25	--	.45	.36	.216	.162
621-MMBTH24-F	MMBTH24-7-F	SOT-23	40	50	30	--	.52	.40	.216	.168
621-MMBT222AT-F	MMBT222AT-7-F	SOT-523	40	600	35	--	.38	.26	.131	.098
621-MMBTA42-F	MMBTA42-7-F	SOT-23	300	200	40	--	.49	.36	.185	.139
621-MMBTH10-F	MMBTH10-7-F	SOT-23	25	50	60	--	.52	.40	.29	.168
621-MMBT222A-F	MMBT222A-7-F	SOT-23	40	600	100	300	.38	.26	.131	.098
621-MMBT3904-F	MMBT3904-7-F	SOT-23	40	200	100	300	.33	.225	.112	.084
621-MMBT3904T-F	MMBT3904T-7-F	SOT-523	40	200	100	300	.33	.22	.112	.084
621-MMBT4401T-F	MMBT4401T-7-F	SOT-523	40	600	100	300	.38	.26	.131	.098
621-MMBT3904-F	MMST3904-7-F	SOT-323	40	200	100	300	.42	.325	.234	.136
621-BC81716W-7	BC817-16W-7	SOT-323	45	500	100	250	.44	.30	.15	.112
621-MMBTA05-F	MMBTA05-7-F	SOT-23	60	100	100	--	.49	.36	.185	.139
621-MMSTA05-F	MMSTA05-7-F	SOT-323	60	500	100	--	.45	.36	.216	.162
621-MMBTA06-F	MMBTA06-7-F	SOT-23	80	100	100	--	.49	.36	.185	.139
621-MMSTA06-F	MMSTA06-7-F	SOT-323	80	500	100	--	.45	.36	.216	.162
621-MMBT4124-F	MMBT4124-7-F	SOT-23	25	200	120	360	.38	.26	.131	.098
621-MMST4124-F	MMST4124-7-F	SOT-323	25	200	120	360	.42	.325	.175	.136
621-MMBT123S-F	MMBT123S-7-F	SOT-23	18	1000	150	800	.39	.30	.162	.122
621-BC817-25W-7	BC817-25W-7	SOT-323	45	500	160	400	.44	.30	.15	.112
621-BC817-40W-7	BC817-40W-7	SOT-323	45	500	250	600	.44	.30	.15	.112
PNP Transistors										
621-MMBTA92-F	MMBTA92-7-F	SOT-23	-300	-500	40	--	.49	.36	.185	.139
621-MMSTA56-F	MMSTA56-7-F	SOT-323	-80	-500	100	--	.45	.36	.202	.162
621-MMBT2907AT-F	MMBT2907AT-7-F	SOT-523	-60	-600	100	300	.38	.26	.131	.098
621-MMST2907A-F	MMST2907A-7-F	SOT-323	-60	-600	100	300	.42	.325	.234	.136
621-MMSTA55-F	MMSTA55-7-F	SOT-323	-60	-500	100	--	.45	.36	.216	.171
621-BC807-16W-7	BC807-16W-7	SOT-323	-45	-500	100	250	.44	.30	.15	.112
621-MMBT3906T-F	MMBT3906T-7-F	SOT-523	-40	-200	100	300	.33	.22	.112	.084
621-MMBT4403T-F	MMBT4403T-7-F	SOT-523	-40	-600	100	300	.38	.26	.131	.098
621-MMST3906-F	MMST3906-7-F	SOT-323	-40	-200	100	300	.42	.325	.23	.136
621-MMBT4403-F	MMBT4403-7-F	SOT-23	40	750	100	300	.38	.26	.13	.098
621-MMBTA55-F	MMBTA55-7-F	SOT-23	100	100	100	--	.49	.36	.185	.139
621-MMBT2907A-F	MMBT2907A-7-F	SOT-23	150	150	100	300	.38	.26	.131	.098
621-MMBT4126-F	MMBT4126-7-F	SOT-23	-25	-200	120	360	.38	.26	.131	.098
621-MMST4126-F	MMST4126-7-F	SOT-323	-25	-200	120	360	.42	.325	.175	.136
621-BC807-25W-7	BC807-25W-7	SOT-323	-45	-500	160	400	.44	.30	.15	.112
621-BC807-40W-7	BC807-40W-7	SOT-323	-45	-500	250	600	.44	.30	.15	.112
Dual NPN Transistors										
621-MMDT5551-F	MMDT5551-7-F	SOT-363	160	200	80	250	.50	.40	.225	.18
621-MMDT3904V-F	MMDT3904V-7-F	SOT-563	40	200	100	300	.44	.40	.29	.168
621-MMDT4401-F	MMDT4401-7-F	SOT-363	40	600	100	300	.50	.40	.24	.24
621-BC847BV-F	BC847BV-7-F	SOT-563	45	100	200	450	.44	.40	.29	.168
Dual PNP Transistors										
621-MMDT2907A-F	MMDT2907A-7-F	SOT-363	-60	-600	100	300	.52	.40	.216	.168
621-DMMT3906W-F	DMMT3906W-7-F	SOT-363	-40	-200	100	--	.50	.40	.30	.18
621-MMDT3906-F	MMDT3906-7-F	SOT-363	-40	-200	100	300	.52	.40	.216	.168
621-MMDT4403-F	MMDT4403-7-F	SOT-363	-40	-600	100	300	.50	.40	.24	.18
621-MMDT4126-F	MMDT4126-7-F	SOT-363	-25	-200	120	360	.50	.40	.24	.18
Complementary NPN/PNP Transistors										
621-MMDT4413-F	MMDT4413-7-F	SOT-363	±40	±600	±100	±300	.50	.40	.24	.18
621-MMDT2227-F	MMDT2227-7-F	SOT-363	±40	±600	±100	±300	.52	.40	.216	.168
621-MMDT5451-F	MMDT5451-7-F	SOT-363	±150	±200	80	250	.50	.40	.24	.18
					(-60)	(-240)				
Darlington NPN Transistors										
621-MMBTA13-F	MMBTA13-7-F	SOT-23	30	100	10K	--	.49	.36	.185	.139
621-MMBTA14-F	MMBTA14-7-F	SOT-23	30	100	20K	--	.49	.36	.185	.139
621-MMBTA28-F	MMBTA28-7-F	SOT-23	80	500	10K	--	.49	.36	.185	.139

DIODES INC. PRE-BIASED TRANSISTORS

Dual Complimentary NPN/PNP

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MOUSER STOCK NO.	Diodes Inc. Part No.	Package	R1 (Ω)	R2 (Ω)	IC (Max.) (mA)	Price Each			
						1	10	100	500
621-DCX123JU-F	DCX123JU-7-F	SOT-363	2.2K	47K	100	.55	.42	.226	.176
621-DCX143TU-F	DCX143TU-7-F	SOT-363	4.7K	--	100	.55	.42	.226	.176
621-DCX114EU-F	DCX114EU-7-F	SOT-363	10K	10K	100	.55	.42	.226	.176
621-DCX114YU-F	DCX114YU-7-F	SOT-363	10K	47K	100	.55	.42	.226	.176
621-DCX124EU-F	DCX124EU-7-F	SOT-363	22K	22K	100	.55	.42	.226	.176

Dual PNP

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	R1 (Ω)	R2 (Ω)	IC (Max.) (mA)	Price Each			
						1	10	100	500
621-DDA143TU-F	DDA143TU-7-F	SOT-363	4.7K	--	-100	.47	.36	.194	.151
621-DDA114EU-F	DDA114EU-7-F	SOT-363	10K	10K	-100	.47	.36	.259	.151
621-DDA114YU-F	DDA114YU-7-F	SOT-363	10K	47K	-100	.47	.36	.259	.151

Dual NPN

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	R1 (Ω)	R2 (Ω)	IC (Max.) (mA)	Price Each			
						1	10	100	500
621-DDC123JU-F	DDC123JU-7-F	SOT-363	2.2K	47K	100	.47	.36	.194	.151
621-DDC143TU-F	DDC143TU-7-F	SOT-363	4.7K	--	100	.47	.36	.194	.151
621-DDC114TU-F	DDC114TU-7-F	SOT-363	10K	--	100	.47	.36	.194	.151
621-DDC114EU-F	DDC114EU-7-F	SOT-363	10K	10K	100	.47	.36	.194	.151
621-DDC124EU-F	DDC124EU-7-F	SOT-363	22K	22K	100	.47	.36	.194	.151
621-DDC144EU-F	DDC144EU-7-F	SOT-363	47K	47K	100	.47	.36	.194	.151

PNP Pre-Biased Transistors

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Diodes Inc. Part No.	Package	R1 (Ω)	R2 (Ω)	IC (Max.) (mA)	Price Each			
						1	10	100	500
621-DDTB122LC-F	DDTB122LC-7-F	SOT-23	22K	10K	-500	.40	.30	.153	.115
621-DDTB142TC-F	DDTB142TC-7-F	SOT-23	47K	--	-500	.40	.30	.153	.115
621-DDTA113ZCA-F	DDTA113ZCA-7-F	SOT-23	1K	10K	-100	.40	.30	.153	.115
621-DDTA113TCA-F	DDTA113TCA-7-F	SOT-23	1K	--	-100	.40	.30	.153	.115
621-DDTA123JUA-F	DDTA123JUA-7-F	SOT-323	2.2K	47K	-100	.40	.30	.153	.115
621-DDTA123YCA-F	DDTA123YCA-7-F	SOT-23	2.2K	10K	-100	.40	.30	.153	.115
621-DDTA123ECA-F	DDTA123ECA-7-F	SOT-23	2.2K	2.2K	-100	.40	.30	.153	.115
621-DDTA123EUA-F	DDTA123EUA-7-F	SOT-323	2.2K	2.2K	-100	.40	.30	.153	.115
621-DDTA143ZCA-F	DDTA143ZCA-7-F	SOT-23	4.7K	47K	-100	.40	.30	.153	.115
621-DDTA143XCA-F	DDTA143XCA-7-F	SOT-23	4.7K	10K	-100	.40	.30	.153	.115
621-DDTA143ECA-F	DDTA143ECA-7-F	SOT-23	4.7K	4.7K	-100	.40	.30	.153	.115
621-DDTA143TCA-F	DDTA143TCA-7-F	SOT-23	4.7K	--	-100	.40	.30	.153	.115
621-DDTA143TUA-F	DDTA143TUA-7-F	SOT-323	4.7K	--	-100	.40	.30	.153	.115
621									