

# PANASONIC SEMICONDUCTOR Transistors



RoHS Compliant This product is RoHS compliant.

## COMPOSITE TRANSISTORS WITH BUILT-IN RESISTORS (CONT.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Package	Polarity	VCEO (Max) (V)	IC (Max) (mA)	Input Resistor (R1) (kΩ)	Base-Emitter Resistor (R2) (kΩ)	Price Each		
								1	25	100
<b>PNP/NPN (Cont.)</b>										
667-DMG563H40R	DMG563H40R	SMini5-F3-B	PNP/NPN	-50/50	-100/100	10/0.51	10/5.1	.15	.116	.113
667-DMG564H30R	DMG564H30R	SMini6-F3-B	PNP/NPN	-50/50	-100/100	47/1	47/10	.17	.169	.165
667-DMG263010R	DMG263010R	Mini5-G3-B	PNP/NPN	-50/50	-100/100	10	10	.15	.145	.141
667-DMG263020R	DMG263020R	Mini5-G3-B	PNP/NPN	-50/50	-100/100	22	22	.15	.145	.141
667-DMG264010R	DMG264010R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	10	10	.15	.145	.141
667-DMG264020R	DMG264020R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	22	22	.15	.145	.141
667-DMG264040R	DMG264040R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	10	47	.15	.145	.141
667-DMG264050R	DMG264050R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	10	-	.15	.145	.141
667-DMG264060R	DMG264060R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	4.7	-	.15	.145	.141
667-DMG264H00R	DMG264H00R	Mini6-G4-B	PNP/NPN	-50/50	-500/100	47/4.7	47/4.7	.15	.145	.141
667-DMG214010R	DMG214010R	Mini6-G4-B	PNP/NPN	-50/50	-100/100	-	-4.7	.17	.169	.165
667-DMG264120R	DMG264120R	Mini6-G4-B	PNP/NPN	-50/50	-500/500	4.7	4.7	.35	.349	.34
667-DMG963010R	DMG963010R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	10	10	.31	.308	.30
667-DMG963020R	DMG963020R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	22	22	.31	.308	.30
667-DMG963H10R	DMG963H10R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	47/4.7	47/10	.31	.308	.30
667-DMG963H50R	DMG963H50R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	47/10	47	.31	.308	.30
667-DMG963HC0R	DMG963HC0R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	47/0.51	47/5.1	.31	.308	.30
667-DMG963HD0R	DMG963HD0R	SSMini5-F4-B	PNP/NPN	-50/50	-100/100	10/22	10/47	.31	.308	.30
667-DMG963HE0R	DMG963HE0R	SSMini5-F4-B	PNP/NPN	-30/50	-100/100	100/10	10/10	.31	.308	.30
667-DMG964010R	DMG964010R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	10	10	.31	.308	.30
667-DMG964020R	DMG964020R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	22	22	.31	.308	.30
667-DMG964030R	DMG964030R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	47	47	.31	.308	.30
667-DMG964040R	DMG964040R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	10	47	.31	.308	.30
667-DMG964050R	DMG964050R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	10	-	.31	.308	.30
667-DMG964060R	DMG964060R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	4.7	-	.31	.308	.30
667-DMG9640M0R	DMG9640M0R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	2.2	47	.31	.308	.30
667-DMG9640N0R	DMG9640N0R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	4.7	47	.31	.308	.30
667-DMG9640T0R	DMG9640T0R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	22	47	.31	.308	.30
667-DMG964H10R	DMG964H10R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	47/4.7	47/10	.31	.308	.30
667-DMG964H30R	DMG964H30R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	47/1	47/10	.31	.308	.30
667-DMG964H50R	DMG964H50R	SSMini6-F3-B	PNP/NPN	-50/50	-100/100	47/10	47/47	.31	.308	.30
667-DME914C10R	DME914C10R	SSMini6-F3-B	PNP/NPN	-12/50	-500/100	-/4.7	-/47	.15	.131	.127

## BIPOLAR POWER TRANSISTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Package	Polarity	VCEO (Max) (V)	IC (Max) (mA)	hFE		VCE (sat) (Max) (V)	Price Each		
						Min	Max		1	25	100
<b>General Purpose</b>											
667-DSC7102R0L	DSC7102R0L	MiniP3-F2-B	NPN	80	1000	120	340	0.3	.50	.494	.482
667-DSC7102S0L	DSC7102S0L	MiniP3-F2-B	NPN	80	1000	120	340	0.3	.50	.494	.482
667-DSC710100L	DSC710100L	MiniP3-F2-B	NPN	80	500	130	330	0.4	.28	.273	.266
667-DSC7101R0L	DSC7101R0L	MiniP3-F2-B	NPN	80	500	130	330	0.4	.28	.273	.266
667-DSC7101S0L	DSC7101S0L	MiniP3-F2-B	NPN	80	500	130	330	0.4	.28	.273	.266
667-DSC7003R0L	DSC7003R0L	MiniP3-F2-B	NPN	50	1000	120	340	0.4	.25	.246	.24
667-DSA700400L	DSA700400L	MiniP3-F2-B	PNP	-50	-2000	120	340	0.3	.38	.377	.367
667-DSA7004R0L	DSA7004R0L	MiniP3-F2-B	PNP	-50	-2000	120	340	0.3	.38	.377	.367
667-DSA7004S0L	DSA7004S0L	MiniP3-F2-B	PNP	-50	-2000	120	340	0.3	.38	.377	.367
667-DSC700400L	DSC700400L	MiniP3-F2-B	PNP	-50	-2000	120	340	0.3	.35	.348	.339
667-DSA7102R0L	DSA7102R0L	MiniP3-F2-B	PNP	-18	-1000	120	340	0.3	.40	.301	.293
667-DSA7102S0L	DSA7102S0L	MiniP3-F2-B	PNP	-18	-1000	120	340	0.3	.40	.301	.293
667-DSA710100L	DSA710100L	MiniP3-F2-B	PNP	-80	-500	90	220	0.4	.28	.274	.267
667-DSA7101Q0L	DSA7101Q0L	MiniP3-F2-B	PNP	-80	-500	90	220	0.4	.28	.274	.267
667-DSA7101R0L	DSA7101R0L	MiniP3-F2-B	PNP	-80	-500	90	220	0.4	.28	.274	.267
667-DSA700300L	DSA700300L	MiniP3-F2-B	PNP	-50	-1000	120	340	0.4	.27	.269	.262
667-DSA7003R0L	DSA7003R0L	MiniP3-F2-B	PNP	-50	-1000	120	340	0.4	.27	.269	.262
667-DSA7003S0L	DSA7003S0L	MiniP3-F2-B	PNP	-50	-1000	120	340	0.4	.27	.269	.262
<b>Darlington</b>											
667-DSC7Q0100L	DSC7Q0100L	MiniP3-F2-B	NPN	80	1000	4000	40000	1.8	.51	.498	.485
667-DSC7Q01Q0L	DSC7Q01Q0L	MiniP3-F2-B	NPN	80	1000	4000	40000	1.8	.51	.498	.485
667-DSC7Q01R0L	DSC7Q01R0L	MiniP3-F2-B	NPN	80	1000	4000	40000	1.8	.51	.498	.485
667-DSC7Q01S0L	DSC7Q01S0L	MiniP3-F2-B	NPN	80	1000	4000	40000	1.8	.51	.498	.485
<b>High Breakdown Voltage</b>											
667-DSA7U0100L	DSA7U0100L	MiniP3-F2-B	PNP	-100	-500	90	220	0.6	.41	.402	.392
667-DSA7U01Q0L	DSA7U01Q0L	MiniP3-F2-B	PNP	-100	-500	90	220	0.6	.41	.402	.392
667-DSA7U01R0L	DSA7U01R0L	MiniP3-F2-B	PNP	-100	-500	90	220	0.6	.41	.402	.392
<b>Low VCE(sat)</b>											
667-DSC750500L	DSC750500L	MiniP3-F2-B	NPN	20	3000	230	600	1	.46	.453	.441
667-DSC7505Q0L	DSC7505Q0L	MiniP3-F2-B	NPN	20	3000	230	600	1	.46	.453	.441
667-DSC7505R0L	DSC7505R0L	MiniP3-F2-B	NPN	20	3000	230	600	1	.46	.453	.441
667-DSA750400L	DSA750400L	MiniP3-F2-B	PNP	-20	-4000	120	315	1	.29	.283	.276
667-DSA7504Q0L	DSA7504Q0L	MiniP3-F2-B	PNP	-20	-4000	120	315	1	.29	.283	.276
667-DSA7504R0L	DSA7504R0L	MiniP3-F2-B	PNP	-20	-4000	120	315	1	.29	.283	.276
667-DSA750300L	DSA750300L	MiniP3-F2-B	PNP	-20	-1000	130	280	0.5	.27	.268	.261
667-DSA7503R0L	DSA7503R0L	MiniP3-F2-B	PNP	-20	-1000	130	280	0.5	.27	.268	.261
667-DSA7503S0L	DSA7503S0L	MiniP3-F2-B	PNP	-20	-1000	130	280	0.5	.27	.268	.261

## SMALL SIGNAL BIPOLAR TRANSISTORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Package	Polarity	VCEO (Max) (V)	IC (Max) (mA)	hFE		fT (Typ) (GHz)	VCE (sat) (Max) (V)	Price Each		
						Min	Max			1	25	100
<b>General Purpose</b>												
667-DSA200200L	DSA200200L	Mini3-G3-B-B	PNP	-50	-500	120	340	0.13	-0.6	.16	.157	.153
667-DSA2002R0L	DSA2002R0L	Mini3-G3-B-B	PNP	-50	-500	120	340	0.13	-0.6	.16	.157	.153
667-DSA2002S0L	DSA2002S0L	Mini3-G3-B-B	PNP	-50	-500	120	340	0.13	-0.6	.16	.157	.153
667-DSC200200L	DSC200200L	Mini3-G3-B-B	PNP	-50	-500	120	340	0.13	-0.6	.15	.145	.141
667-DSC2002S0L	DSC2002S0L	Mini3-G3-B-B	PNP	-50	-500	120	340	0.13	-0.6	.15	.145	.141
667-DSCQ00100L	DSCQ00100L	USSMini3-F1-B	NPN	50	100	210	460	0.15	0.3	.09	.056	.055
<b>Darlington</b>												
667-DSC2P01Q0L	DSC2P01Q0L	Mini3-G3-B-B	NPN	50	500	4000	20000	-	2.5	.39	.384	.374



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