

TRANSISTOR

T-27-01

PART No.	TYPE	PACKAGE	DESCRIPTION	Pt	Ic	VCEO	VEBO	VCBO	Hfe	Hfe		
				@25°C						Ic	@	Ic
				Watts	Amps	Volts	Volts	Volts		Amps		Volts

TO-18 Package

2N0918	NPN	TO18	SGN	0.20	0.05	15	3.0	30	20	0.003		1.0
2N2221	NPN	TO18	SGN	0.50	0.80	30	5.0	60	25	0.010		1.0
2N2222	NPN	TO18	SGN	0.50	0.80	30	5.0	60	50	0.010		1.0
2N2222A	NPN	TO18	SGN	0.50	0.80	40	6.0	75	50	0.010		1.0

TO-92 Package

2N3646	NPN	TO92	SGN	0.20	0.20	15	5.0	40	30	0.030		0.4
2N3692	NPN	TO92	SGN	0.20	0.03	20	4.0	35	100	0.010		1.0
2N3702	PNP	TO92	SGN	0.30	0.20	25	5.0	40	60	0.050		5.0
2N3706	NPN	TO92	SGN	0.36	0.80	20	5.0	40	30	0.050		2.0
2N3709	NPN	TO92	SGN	0.25	0.03	30	0.0	0	45	0.001		5.0
2N3903	NPN	TO92	SGN	0.35	0.20	40	6.0	60	50	0.010		1.0
2N3904	NPN	TO92	SGN	0.35	0.20	40	6.0	60	100	0.010		1.0
2N3906	PNP	TO92	SGN	0.35	0.20	40	5.0	40	100	0.010		1.0
2N4061	PNP	TO92	SGN	0.25	0.03	30	6.0	30	90	0.001		5.0
2N4123	NPN	TO92	SGN	0.35	0.20	30	5.0	40	50	0.002		1.0
2N4125	PNP	TO92	SGN	0.35	0.20	30	4.0	30	50	0.002		1.0
2N4143	PNP	TO92	SGN	0.30	0.30	40	5.0	60	50	0.150		1.0
2N4289	PNP	TO92	SGN	0.25	0.10	45	7.0	60	75	0.010		5.0
2N4401	NPN	TO92	SGN	0.35	0.60	40	6.0	60	40	0.010		1.0
2N4409	NPN	TO92	SGN	0.31	0.25	50	5.0	80	60	0.001		1.0
2N4410	NPN	TO92	SGN	0.31	0.25	80	5.0	120	60	0.001		1.0
2N4945	NPN	TO92	SGN	0.22	0.05	60	5.0	80	40	0.030		1.0
2N5087	PNP	TO92	SGN	0.31	0.05	50	3.0	50	250	0.005		1.0
2N5089	NPN	TO92	SGN	0.31	0.05	25	4.5	30	450	0.005		1.0
2N5130	NPN	TO92	SGN	0.20	0.05	12	1.0	30	15	0.008		10.0
2N5138	PNP	TO92	SGN	0.20	0.10	30	5.0	30	50	0.001		10.0
2N5209	NPN	TO92	SGN	0.35	0.05	50	4.5	50	150	0.005		1.0
2N5210	NPN	TO92	SGN	0.35	0.05	50	4.5	50	150	0.005		1.0
2N5219	NPN	TO92	SGN	0.35	0.10	15	3.0	20	35	0.002		10.0
2N5226	PNP	TO92	SGN	0.35	0.50	25	4.0	25	30	0.050		10.0
2N5401	PNP	TO92	SGN	0.35	0.60	150	5.0	160	60	0.010		5.0
2N5447	NPN	TO92	SGN	0.36	0.20	25	5.0	40	60	0.050		5.0
2N5450	NPN	TO92	SGN	0.36	0.80	30	5.0	50	50	0.050		2.0
2N5831	NPN	TO92	SGN	0.63	0.60	140	5.0	160	60	0.001		5.0
2N5833	NPN	TO92	SGN	0.63	0.60	180	6.0	200	50	0.001		5.0
MPS2369	NPN	TO92	SGN	0.31	0.50	15	4.5	40	40	0.010		1.0
MPS3250	PNP	TO92	SGN	0.36	0.20	40	5.0	50	50	0.001		0.0
MPS3392	NPN	TO92	SGN	0.31	0.10	25	0.0	0	150	0.005		2.0
MPS3394	NPN	TO92	SGN	0.31	0.10	25	0.0	0	55	0.005		2.0
MPS3638A	PNP	TO92	SGN	0.35	0.50	25	40.0	25	100	0.010		10.0
MPS3703	PNP	TO92	SGN	0.36	0.60	30	5.0	50	30	0.050		5.0
MPS3705	NPN	TO92	SGN	0.36	0.60	30	5.0	50	50	0.050		2.0
MPS3906	PNP	TO92	SGN	0.63	0.20	40	5.0	40	100	0.100		1.0
MPS5172	NPN	TO92	SGN	0.36	0.10	25	5.0	25	100	0.100		10.0
MPS6523	PNP	TO92	SGN	0.31	0.10	25	4.0	25	300	0.100		2.0
MPS6560	NPN	TO92	SGN	0.21	0.20	25	5.0	25	35	0.100		1.0
MPS6566	NPN	TO92	SGN	0.31	0.20	45	4.0	60	100	0.100		10.0
MPS8098	NPN	TO92	SGN	0.35	0.50	60	6.0	60	100	0.100		5.0
MPS8099	NPN	TO92	SGN	0.35	0.50	80	5.0	80	100	0.100		5.0
MPS918	NPN	TO92	SGN	0.50	0.05	15	3.0	30	20	0.003		1.0
MPS930	NPN	TO92	SGN	0.63	0.10	45	5.0	45	100	0.010		5.0
MPSA10	NPN	TO92	SGN	0.30	0.10	40	4.0	0	40	0.050		10.0
MPSA18	NPN	TO92	SGN	0.35	0.20	45	6.5	45	500	0.010		5.0
MPSA20	NPN	TO92	SGN	0.35	0.10	40	0.0	4	40	0.050		10.0
MPSA43	NPN	TO92	SGN	0.63	0.50	200	6.0	200	25	0.010		10.0
MPSA5	NPN	TO92	SGN	0.63	0.50	60	4.0	60	50	0.100		1.0
MPSH34	NPN	TO92	SGN	0.63	0.10	45	4.0	45	15	0.000		2.0
NP5138	PNP	TO92	SGN	0.60	0.05	30	5.0	30	50	0.010		10.0

TO-98 Package

2N3394	NPN	TO98	SGN	0.36	0.10	25	5.0	25	55	0.002		4.5
2N3397	NPN	TO98	SGN	0.36	0.10	25	5.0	25	55	0.002		4.5
2N3415	NPN	TO98	SGN	0.36	0.50	25	5.0	25	180	0.002		4.5
2N4424	NPN	TO98	SGN	0.36	0.05	40	5.0	60	180	0.002		4.5
2N5172	NPN	TO98	SGN	0.36	0.10	25	5.0	25	100	0.010		10.0
2N5249A	NPN	TO98	SGN	0.36	0.10	50	5.0	70	400	0.002		5.0
2N5305	NPN	TO98	SGN	0.40	0.30	25	12.0	25	2000	0.002		5.0
2N5308	NPN	TO98	SGN	0.40	0.30	40	12.0	40	7000	0.002		5.0
2N5355	PNP	TO98	SGN	0.36	0.35	25	4.0	25	80	0.002		10.0

TO-220AB Package

D44C-1	NPN	TO220AB	PWR	30.00	4.00	30	5.0	0	25	0.200		1.0
D44C-2	NPN	TO220AB	PWR	30.00	4.00	30	5.0	0	100	0.200		1.0
D44C-3	NPN	TO220AB	PWR	30.00	4.00	30	5.0	0	40	0.200		1.0

TRANSISTOR

PART No.	TYPE	PACKAGE	DESCRIPTION	Pt	Ic	VCEO	VEBO	VCBO	Hfe	Hfe		
				@25°C						Ic	@	Ic
				Watts	Amps	Volts	Volts	Volts		Amps		Volts
TO-220AB Package (Cont'd)												
D44C-4	NPN	TO220AB	PWR	30.00	4.00	45	5.0	0	25	0.200		1.0
D44C-5	NPN	TO220AB	PWR	30.00	4.00	45	5.0	0	100	0.200		1.0
D44C-6	NPN	TO220AB	PWR	30.00	4.00	45	5.0	0	40	0.200		1.0
D44C-7	NPN	TO220AB	PWR	30.00	4.00	60	5.0	0	25	0.200		1.0
D44C-8	NPN	TO220AB	PWR	30.00	4.00	60	5.0	0	100	0.200		1.0
D44C-9	NPN	TO220AB	PWR	30.00	4.00	60	5.0	0	40	0.200		1.0
D44E-1	NPN	TO220AB	DAR PWR	50.00	10.00	40	7.0	0	1000	5.000		5.0
D44E-2	NPN	TO220AB	DAR PWR	50.00	10.00	60	7.0	0	1000	5.000		5.0
D44E-3	NPN	TO220AB	DAR PWR	50.00	10.00	80	7.0	0	1000	5.000		5.0
D44H-1	NPN	TO220AB	PWR	50.00	10.00	30	5.0	0	20	4.000		1.0
D44H-10	NPN	TO220AB	PWR	50.00	10.00	80	5.0	0	20	4.000		1.0
D44H-11	NPN	TO220AB	PWR	50.00	10.00	80	5.0	0	20	4.000		1.0
D44H-2	NPN	TO220AB	PWR	50.00	10.00	30	5.0	0	20	4.000		1.0
D44H-4	NPN	TO220AB	PWR	50.00	10.00	45	5.0	0	20	4.000		1.0
D44H-5	NPN	TO220AB	PWR	50.00	10.00	45	5.0	0	20	4.000		1.0
D44H-7	NPN	TO220AB	PWR	50.00	10.00	60	5.0	0	20	4.000		1.0
D44H-8	NPN	TO220AB	PWR	50.00	10.00	60	5.0	0	20	4.000		1.0
D44T-1	NPN	TO220AB	PWR HV	31.20	2.00	250	5.0	0	40	0.500		10.0
D44T-2	NPN	TO220AB	PWR HV	31.20	2.00	250	5.0	0	40	0.500		10.0
D44T-3	NPN	TO220AB	PWR HV	31.20	2.00	300	5.0	0	40	0.000		10.0
D44T-4	NPN	TO220AB	PWR HV	31.20	2.00	300	5.0	0	40	0.500		10.0

T-27-01

HILINE 1&4												
D66DV-5	NPN	HILINE 1&4	DAR PWR HV	125.00	50.00	400	8.0	0	25	75.000		10.0
D66DV-6	NPN	HILINE 1&4	DAR PWR HV	125.00	50.00	450	8.0	0	25	75.000		10.0
D66DV-7	NPN	HILINE 1&4	DAR PWR HV	125.00	50.00	500	8.0	0	25	75.000		10.0

HILINE 3&5												
D67DE-5	NPN	HILINE 3&5	DAR PWR HV	312.50	100.00	500	8.0	0	25	150.000		5.0
D67DE-6	NPN	HILINE 3&5	DAR PWR HV	312.50	100.00	600	8.0	0	25	150.000		5.0
D67DE-7	NPN	HILINE 3&5	DAR PWR HV	312.50	100.00	700	8.0	0	25	150.000		5.0

QUADRAC

PART No.	ITrms	PACKAGE	VDRM	IDRM	VTM	VBO	VBO(S)	VBO(D)	IBO	Ih	Itm
	Amps		Volts	mAmps	Volts	Volts	Volts	Volts	uAmps	mAmps	Amps
4.0 Amps ITrms											
Q2004LT	4.0	TO220AB/I	200	0.05	1.6	45	3.0	5.0	200	40	4.0
Q4004LT	4.0	TO220AB/I	400	0.05	1.6	45	3.0	5.0	200	40	4.0
Q6004LT	4.0	TO220AB/I	600	0.05	1.6	45	3.0	5.0	200	40	4.0
6.0 Amps ITrms											
Q2006LT	6.0	TO220AB/I	200	0.05	1.6	45	3.0	5.0	200	50	6.0
Q4006LT	6.0	TO220AB/I	400	0.05	1.6	45	3.0	5.0	200	50	6.0
Q6006LT	6.0	TO220AB/I	600	0.05	1.6	45	3.0	5.0	200	50	6.0
Q4006AT	6.0	5/8SWGITO3	400	0.05	1.6	35	3.0	5.0	200	50	6.0
Q6006AT	6.0	5/8SWGITO3	600	0.05	1.6	35	3.0	5.0	200	50	6.0
8.0 Amps ITrms											
Q2008LT	8.0	TO220AB/I	200	0.05	1.6	45	3.0	5.0	200	60	8.0
Q4008LT	8.0	TO220AB/I	400	0.05	1.6	45	3.0	5.0	200	60	8.0
Q6008LT	8.0	TO220AB/I	600	0.05	1.6	45	3.0	5.0	200	60	8.0
10.0 Amps ITrms											
Q2010LT	10.0	TO220AB/I	200	0.05	1.6	45	3.0	5.0	200	60	10.0
Q4010LT	10.0	TO220AB/I	400	0.05	1.6	45	3.0	5.0	200	60	10.0
Q6010LT	10.0	TO220AB/I	600	0.05	1.6	45	3.0	5.0	200	60	10.0
Q5010AT	10.0	5/8SWGITO3	500	0.50	1.6	35	3.0	5.0	200	60	10.0
15.0 Amps ITrms											
Q2015LT	15.0	TO220AB/I	200	0.50	1.6	45	3.0	5.0	200	70	15.0
Q4015LT	15.0	TO220AB/I	400	0.50	1.6	45	3.0	5.0	200	70	15.0
Q6015LT	15.0	TO220AB/I	600	0.50	1.6	45	3.0	5.0	200	70	15.0
Q4015T	15.0	5/8SWG	400	0.05	1.6	35	3.0	5.0	200	70	15.0
Q6015AT	15.0	5/8SWGITO3	600	0.05	1.6	35	3.0	5.0	200	70	15.0