

TYPE	MATERIAL	POLARITY	REPLACE-MENT	PAGE NUMBER	USE	MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS										
						P <sub>D</sub>	Ref Point	T <sub>J</sub>	V <sub>CB</sub>	V <sub>CE-</sub>	h <sub>FE</sub> @ I <sub>C</sub>	V <sub>CE(SAT)</sub> @ I <sub>C</sub>	h <sub>fr</sub>	f <sub>Units</sub>								
						@ 25°C	°C	(volts)	(volts)	(min)					(max)	Units	Units	Units	Subscript	Units	Subscript	
2N3582	S	P	MJ2251 2N3767	7-200 7-142	VID	0.4W	A	200	50	40	0	100	300	0.1M	0.5	5.0M	100	25	30M	T		
2N3583	S	N			HPA	35W	C	200	250	175	0	40	200	0.5A	5.0	1.0A	10M		10M	T		
2N3584	S	N			PMS	35W	C	200	330	250	0	8.0	140	1.0A	0.75	1.0A	10M		10M	T		
2N3585	S	N			PMS	35W	C	200	440	300	0	8.0	140	1.0A	0.75	1.0A	10M		10M	T		
2N3586	S	N			CHP	125W	A	200	45	45	0								0.1M	T		
2N3587	S	N			DFA	0.5W	A	200	60	45	0	80	500	1.0M	1.0	10M			80M	T		
2N3588	S	N			RFC	0.1W	A	85	25	25	0	20	20	1.0M					200M	T		
2N3589	S	N			HPA	2.0W	A	175	200	200	R	30	90	0.2A	2.0	0.2A	30		15M	T		
2N3590	S	N			HPA	2.0W	A	175	200	200	R	75	150	0.2A	2.0	0.2A	75		15M	T		
2N3591	S	N			HPA	1.0W	A	175	200	200	R	30	90	0.2A	2.0	0.2A	30		15M	T		
2N3592	S	N			HPA	1.0W	A	175	200	200	R	75	150	0.2A	2.0	0.2A	75		15M	T		
2N3593	S	N	HPA	1.0W	A	175	200	200	R	30	90	0.2A	2.0	0.2A	30		15M	T				
2N3594	S	N	2N3767 2N3446 2N3447	7-142 7-111 7-111	HPA	1.0W	A	175	200	200	R	75	150	0.2A	2.0	0.2A	75		15M	T		
2N3595	S	N			HPA	1.5W	A	175	200	200	R	30	90	0.2A	2.0	0.2A	30		15M	T		
2N3596	S	N			HPA	1.5W	A	175	200	200	R	75	150	0.2A	2.0	0.2A	75		15M	T		
2N3597	S	N			PHS	100W	C	200	60	40	0	40	120	10A	0.5	10A	75		30M	T		
2N3598	S	N			PHS	100W	C	200	80	60	0	40	120	10A	0.5	10A	75		30M	T		
2N3599	S	N			PHS	100W	C	200	100	80	0	40	120	10A	0.5	10A	75		30M	T		
2N3600	S	N			RFA	0.2W	A	200	30	15	0	20	150	3.0M			40		850M	T		
2N3601	G	P			PMS	0.286W	C	100	100	40	0	60	180	1.0A	0.2	0.1A	50		20M	T		
2N3602	G	P			PMS	0.286W	C	100	100	40	0	60	180	1.0A	0.2	0.1A	50		20M	T		
2N3603	G	P			PMS	0.286W	C	100	130	55	0	60	180	1.0A	0.2	0.1A	50		20M	T		
2N3604	G	P			PMS	0.286W	C	100	130	55	0	60	180	1.0A	0.2	0.1A	50		20M	T		
2N3605	S	N			MPS3646	5-95	MSC	0.2W	A	150	18	14	0	30	10M	0.25	10M			300M	T	
2N3605A	S	N			MPS3646	5-95	MSS	320M	A	120	40	15	0	30	120	10M	0.25	10M			300M	T
2N3606	S	N	MSC	0.2W			A	150	18	14	0	30	10M	0.25	10M			300M	T			
2N3606A	S	N	MSS	320M			A	120	40	15	0	30	120	10M	0.25	10M			300M	T		
2N3607	S	N	MSC	0.2W			A	150	18	14	0	30	10M	0.25	10M			300M	T			
2N3608	S	N	Field Effect Transistors, see Table on Page 1-166																			
2N3610	thru																					
2N3611	G	P	7-118		LPA	85W	C	110	40	30	S	35	70	3.0A	0.25	3.0A	40	E	0.3M	T		
2N3612	G	P			LPA	85W	C	110	60	45	S	35	70	3.0A	0.25	3.0A	40	E	0.3M	T		
2N3613	G	P			LPA	85W	C	110	40	30	S	60	120	3.0A	0.25	3.0A	60	E	0.3M	T		
2N3614	G	P			LPA	85W	C	110	60	45	S	60	120	3.0A	0.25	3.0A	60	E	0.3M	T		
2N3615	G	P			LPA	85W	C	110	80	60	S	30	60	3.0A	0.25	3.0A	40	E	0.3M	T		
2N3616	G	P			7-121	7-121	LPA	85W	C	110	100	75	S	30	60	3.0A	0.25	3.0A	40	E	0.3M	T
2N3617	G	P	LPA	85W			C	110	80	60	S	45	90	3.0A	0.25	3.0A	60	E	0.3M	T		
2N3618	G	P	LPA	85W			C	110	100	75	S	45	90	3.0A	0.25	3.0A	60	E	0.3M	T		
2N3619	S	N	HPA	7.5W			C	175	75	40	0	40		1.0A	0.75	1.0A	200M			T		
2N3620	S	N	HPA	7.5W			C	175	75	40	0	40		1.0A	1.0	3.0A	200M			T		
2N3621	S	N	HPA	30W			C	175	75	40	0	40		1.0A	1.25	5.0A	200M			T		
2N3622	S	N	HPA	30W			C	175	75	40	0	40		1.0A	1.25	5.0A	200M			T		
2N3623	S	N	HPA	7.5W			C	175	75	40	0	40		1.0A	0.75	1.0A	200M			T		
2N3624	S	N	HPA	7.5W			C	175	75	40	0	40		1.0A	1.0	3.0A	200M			T		
2N3625	S	N	HPA	30W			C	175	75	40	0	40		1.0A	1.25	5.0A	200M			T		
2N3626	S	N	HPA	30W			C	175	75	40	0	40		1.0A	1.25	5.0A	200M			T		
2N3627	S	N	HPA	7.5W			C	175	100	50	0	40		1.0A	0.75	1.0A	200M			T		
2N3628	S	N	HPA	7.5W			C	175	100	50	0	40		1.0A	1.0	3.0A	200M			T		
2N3629	S	N	HPA	30W			C	175	100	50	0	40		1.0A	1.25	5.0A	200M			T		
2N3630	S	N	HPA	30W	C	175	100	50	0	40		1.0A	1.25	5.0A	200M			T				
2N3631	Field Effect Transistors, see Table on Page 1-166																					
2N3632	S	N	9-74		HPA	23W	C	200	65	40	0	10	150	0.25A	1.0	1.0A			250M	T		
2N3633	S	N			HNS	0.3W	A	200	15	6.0	0	50	150	10M	0.21	3.0M			1.3G	T		
2N3634	S	P			VID	1.0W	A	200	140	140	0	50	150	50M			40	E	150M	T		
2N3635	S	P			VID	1.0W	A	200	140	140	0	100	300	50M			80	E	200M	T		
2N3636	S	P			VID	1.0W	A	200	175	175	0	50	150	50M			40	E	150M	T		
2N3637	S	P			VID	1.0W	A	200	175	175	0	100	300	50M			80	E	200M	T		
2N3638	S	P			HSS	0.3W	A	125	25	25	0	30		50M	0.25	50M	25	E	100M	T		
2N3638A	S	P			HSS	0.3W	A	125	25	25	0	100		50M	0.25	50M	100	E	150M	T		
2N3639	S	P			MPS3639	5-90	HSS	0.2W	A	125	6.0	6.0	0	30	120	10M	0.16	10M			500M	T
2N3640	S	P			MPS3640	5-93	HSS	0.2W	A	125	12	12	0	30	120	10M	0.2	10M			500M	T
2N3641	S	N			MPS6530	5-118	HPA	0.35W	A	125	60	30	0	40	120	0.15A	0.22	0.15A			250M	T
2N3642	S	N			MPS6530	5-118	HPA	0.35W	A	125	60	45	0	40	120	0.15A	0.22	0.15A			250M	T
2N3643	S	N			MPS6531	5-118	HPA	0.35W	A	125	60	30	0	100	300	0.15A	0.22	0.15A			250M	T
2N3644	S	P					HSS	0.3W	A	125	45	45	0	115	300	50M	0.25	50M			200M	T
2N3645	S	P	HSS	0.3W			A	125	60	60	0	115	300	50M	0.25	50M			200M	T		
2N3646	S	N	MPS3645	5-95	HSS	0.2W	A	125	40	15	0	30	120	30M	0.2	30M			350M	T		
2N3647	S	N	8-243		HSS	0.4W	A	200	40	10	0	25	150	0.15A	0.25	10M	20	E	350M	T		
2N3648	S	N	8-243		HSS	0.4W	A	200	40	15	0	30	120	0.15A	0.25	10M	20	E	450M	T		
2N3649	thru																					
2N3650	Thyristors, see Table on Page 1-154																					
2N3658	thru																					
2N3659	S	N	9-80		VID	4.0W	C	200	220	170	0	20		10M			20	E	50M	T		
2N3660	S	P			HPA	5.0W	C	200	40	30	0	25	100	0.5A	1.2	0.5A				25M	T	
2N3661	S	P			HPA	5.0W	C	200	60	50	0	25	100	0.5A	1.2	0.5A				25M	T	
2N3662	S	N			RFC	0.2W	A	125	18	12	0	20		8.0M						700M	T	
2N3663	S	N			RFC	0.2W	A	125	30	12	0	20		8.0M						700M	T	
2N3664	S	N			HPA	5.0W	C	200	60	60	S	8.0	80	50M	0.75	0.25A	300M			300M	T	
2N3665	S	N			MNS	5.0W	C	200	120	80	0	40	120	0.15A	0.5	0.15A	60M			60M	T	
2N3666	S	N			MNS	5.0W	C	200	120	80	0	100	300	0.15A	0.5	0.15A	60M			60M	T	
2N3667	S	N			PMS	117W	C	200	50	50	0	15	60	8.0A	1.5	8.0A	0.5M			0.5M	T	
2N3668	thru																					
2N3670	Thyristors, see Table on Page 1-154																					
2N3671	S	P			9-80		HSS	0.6W	A	200	60	50	0	75	225	0.15A	0.4	0.15A			200M	T
2N3672	S	P					HSS	0.4W	A	200	60	50	0	75	225	0.15A	0.4	0.15A				200M
2N3673	S	P	HSS	0.35W			A	200	60	50	0	75	225	0.15A	0.4	0.15A				200M	T	