

2N271-2N341A

TYPE	MATERIAL	POLARITY	REPLACE- MENT	REF.	USE	MAXIMUM RATINGS					ELECTRICAL CHARACTERISTICS								
						P <sub>D</sub>	T <sub>J</sub>	V <sub>CB</sub>	V <sub>CE</sub>	Subscript	h <sub>FE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		h <sub>f</sub>	Subscript	f <sub>T</sub>	Subscript	
						@ 25°C	Ref Point °C	(volts)	(volts)		(min)	(max)	Units	(volts)					Units
2N271	G	P			AH	150M	A	85	30	10	O								
2N271A	G	P			AH	150M	A	85	30	10	O								
2N272	G	P	2N298A	2N298A	A	150M	A	85	30	24	O								
2N273	G	P	2N298A	2N298A	A	150M	A	85	45	25	S	30	50M			60	E		
2N274	G	P	2N298A	2N298A	AH	120M	A	100	40	40	O	20	1.75	1.5M		20	E		
2N277	G	P			AP	70W	C	95	40	40	S	35	70	5.0A					
2N278	G	P			AP	70W	C	95	50	45	S	35	70	5.0A	1.0	12A			
2N279	G	P	2N650	2N650	A	125M	A	75	20	20	O					20	E		
2N280	G	P	2N650	2N650	A	125M	A	75	20	20	O					30	E		
2N281	G	P	2N651	2N650	A	167M	C	75	16	16	R	45	120					0.35M	B
2N282	G	P	2N651	2N650	A														
2N283	G	P	2N650	2N650	S	125M	A	75	20	20	O					30	E		
2N284	G	P			S	125M	A	75	32	32	O	15						0.35M	B
2N284A	G	P			S	125M	A	75	60	60	O	15						0.35M	B
2N285	G	P	2N285A	2N285A	AP	25W	C	95	35	35	R			0.5	1.0A				
2N285A	G	P	2N285A	2N285A	AP	25W	C	95	35	35	R			0.5	1.0A				
2N290	G	P			AP	55W	C	95	70	70	O								
2N291	G	P	2N1191	2N1191	A	180M	A	50	25	25	O					30	E		
2N292	G	N			AH	65M	A	85	15	15	O	6.0	44						
2N293	G	N			AH	65M	A	85	15	15	O	6.0	55						
2N296	G	P	2N1531	2N1529	A	20W	C	85	60	60	S	19	1.0A	1.0	1.0A			4.0K	B
2N297	G	P	2N297A	2N297A	AP	35W	C	95	60	50	S	40	100	0.5A	1.0	2.0A		5.0K	E
2N297A	G	P	2N297A	2N297A	AP	35W	C	95	60	50	S	40	100	0.5A	1.0	2.0A		5.0K	E
2N299	G	P			AH	20M	A	85	5.0	4.5	V							90M	M
2N300	G	P			AH	20M	A	85	5.0	4.5	V							85M	M
2N301	G	P		2N301	AP	11W	A	85	40										
2N301A	G	P		2N301A	AP	11W	A	85	60										
2N302	G	P			AH	150M	A	85	30	10	O							7.0M	B
2N303	G	P			AH	150M	A	85	30	10	O							14M	B
2N306	G	N			A	50M	A	75	20	15	R			0.5	0.1A			0.6M	B
2N307	G	P			AP	25W	C	75	35	35	R			1.0	0.2A			3.0K	E
2N307A	G	P	2N307A	2N307A	AP	25W	C	75	35	35	R	20		0.8	1.0A			3.5K	E
2N308	G	P			AH	30M	A	55	20	20	O								
2N309	G	P			AH	30M	A	55	20	20	O								
2N310	G	P			AH	30M	A	55	30	30	O								
2N311	G	P			SP	75M	A	85	15	15	O	25	75	10M	0.075	10M			
2N312	G	N			SP	75M	A	85	15	15	O	25	75	10M	0.075	10M			
2N315	G	P			S	100M	A	85	20	15	O	15	30	100M	0.15	100M			
2N315A	G	P			S	150M	A	100	30	20	O	20	50	100M	0.15	100M			
2N315B	G	P			S	150M	A	100	30	20	O	20	50	100M	0.15	100M			
2N316	G	P			S	100M	A	85	20	10	O	20	50	200M	0.18	200M			
2N316A	G	P			S	150M	A	100	30	15	O	20	50	200M	0.18	200M			
2N317	G	P			S	100M	A	85	20	6.0	O	20	60	400M	0.2	400M			
2N317A	G	P			S	150M	A	100	25	10	O	20	60	400M	0.2	400M			
2N318	G	P			AL	50M	A		12										
2N319	G	P		2N319	A	225M	A	85		20	R								
2N320	G	P		2N319	A	225M	A	85		20	R								
2N321	G	P		2N319	A	225M	A	85		20	R								
2N322	G	P		2N322	A	140M	A	60	18	18	R	34	65	20M				1.0M	B
2N323	G	P		2N322	A	140M	A	60	18	18	R	53	125	20M				1.5M	B
2N324	G	P		2N322	A	140M	A	60	18	18	R	72	198	20M				2.0M	B
2N325	G	P	2N3611	2N3611	A	12W	C	85	35	35	S	30	60	500M	0.6	500M		150K	B
2N326	G	N			A	7.0W	C	85	35	35	S	30	60	500M	0.6	500M		150K	B
2N327	S	P	2N2906	2N2904	AM	350M	A	160	50	40	O	9.0	22	3.0M	0.3	5.0M	9.0	E	
2N327A	S	P	2N2906	2N2904	AM	385M	A	160	50	40	O	9.0	22	3.0M	0.3	5.0M			
2N327B	S	P	2N2906	2N2904	AM	385M	A	200	50	40	O	9.0	22	3.0M	0.3	5.0M			
2N328	S	P			A	350M	A	160	35								18	E	
2N328A	S	P			AM	385M	A	160	50	35	O	18	44	3.0M	0.5	10M			
2N328B	S	P			AM	385M	A	200	50	35	O	18	44	3.0M	0.5	10M			
2N329	S	P			A	350M	A	160	30								36	E	
2N329A	S	P			AM	385M	A	160	50	30	O	36	88	3.0M	0.6	15M			
2N329B	S	P			AM	385M	A	200	50	30	O	36	88	3.0M	0.6	15M			
2N330	S	P			A	350M	A	160	45								9.0	E	
2N330A	S	P	2N2906	2N2904	AM	385M	A	160	50	30	O								
2N331	S	P			A	200M	A	71	30										
2N332	S	N	2N2221	2N2218	AH	150M	A	175	45			9.0	20				0.9	B	
2N332A	S	N	2N2221	2N2218	A	500M	A	175	45	45	O			1.0	5.0M		0.9	B	2.5M
2N333	S	N	2N2221	2N2218	AH	150M	A	175	45			18	40				0.948	B	
2N333A	S	N	2N2221	2N2218	A	500M	A	175	45	45	O			1.0	5.0M		0.948	B	2.5M
2N334	S	N	2N2221	2N2218	AH	150M	A	175	45			18	86				0.948	B	
2N334A	S	N	2N2218	2N2218	A	500M	A	175	45	45	O			1.0	5.0M		0.948	B	8.0M
2N334B	S	N	2N2218	2N2218	A	500M	A	175	60	60	O	15	85	1.0M	1.0	5.0M	18	E	8.0M
2N335	S	N	2N2221	2N2218	AH	150M	A	175	45								0.987	B	
2N335A	S	N	2N2218	2N2218	A	500M	A	175	45	45	O	28	90	1.0M	1.0	5.0M	0.973	B	2.5M
2N335B	S	N	2N2218	2N2218	A	500M	A	175	60	60	O	76	333				0.987	B	2.5M
2N336	S	N	2N2221	2N2218	AH	150M	A	175	45								0.987	B	
2N336A	S	N	2N2218	2N2218	A	500M	A	175	45	45	O			1.0	5.0M		0.987	B	2.5M
2N337	S	N	2N2221	2N2218	S	125M	C	150	45			20	55	10M			19	E	10M
2N337A	S	N	2N2218	2N2218	A	500M	A	175	45			20	55	10M			15M	B	
2N33																			

2N342-2N414

TYPE	MATERIAL	POLARITY	REPLACE- MENT	REF.	USE	MAXIMUM RATINGS						ELECTRICAL CHARACTERISTICS								
						P <sub>D</sub>	Ref Point	T <sub>J</sub>	V <sub>CB</sub>	V <sub>CE</sub> -	Subscript	h <sub>FE</sub> @ I <sub>C</sub>		V <sub>CE(SAT)</sub> @ I <sub>C</sub>		h <sub>FE</sub>	Subscript	f <sub>T</sub>	Subscript	
						@ 25°C	°C	(volts)	(volts)	(min)		(max)	Units	Units	Units					Units
2N342	S	N			A	1.0W	C	150	60	0	0					0.9	B			
2N342A	S	N			A	1.0W	C	150	85	0	0					0.9	B			
2N342B	S	N			A	750M	A	175	85	0	0					9.0	E			
2N343	S	N			A	1.0W	C	150	60	0	0					0.966	B			
2N343A	S	N			A	1.0W	C	150	60	0	0					0.966	B			
2N343B	S	N			A	750M	A	175	65	0	0					28	E			
2N344	G	P			AH	20M	A	55	5.0	5.0	V					11	E	30M	M	
2N345	G	P			AH	20M	A	55	5.0	5.0	V					25	E	30M	M	
2N346	G	P			AH	20M	A	55	5.0	5.0	V					10	E	60M	M	
2N350	G	P		2N350	AP	10W	A	100	50	40	0	20								
2N350A	G	P		2N350	AP	90W	J	100	50	40	S	20	60	700M	1.75	3.0A			5.0K	E
2N351	G	P		2N351A	AP	10W	A	100	50	40	0	25	90	700M						
2N351A	G	P		2N350A	AP	90W	J	100	50	40	S	25	90	0.7A	1.75	4.0A			5.0K	E
2N352	G	P	2N1536	2N1529	AP	25W	C	100	40	R	30	140	1.0A					10K	E	
2N353	G	P	2N1536	2N1529	AP	30W	C	100	40	R	40	150	1.0A					7.0K	E	
2N354	S	P	2N2906	2N2904	AH	150M	A	140	25	25	U					9.0	E	8.0M	M	
2N355	S	P	2N2906	2N2904	S	150M	A	140	10	10	U					9.0	E	8.0M	M	
2N356	S	S			S	100M	A	85	20	18	0	20	50	100M	0.2	100M				
2N356A	G	N			S	150M	A	100	30	20	0	20	50	100M	0.2	100M				
2N357	G	N			S	100M	A	85	20	15	0	20	50	200M	0.2	200M				
2N357A	G	N			S	150M	A	100	30	20	0	25	75	200M	0.2	200M				
2N358	G	N			S	100M	A	85	20	12	0	20	50	300M	0.2	300M				
2N358A	G	N			S	150M	A	100	30	15	0	25	75	300M	0.2	300M				
2N359	G	P		2N359	A	170M	A	85	25	18	R	100	300	50M						
2N360	G	P	2N1192	2N1191	A	170M	A	85	32	30	R	50	150	50M						
2N361	G	P	2N1192	2N1191	A	170M	A	85	32	30	R	25	75	50M						
2N362	G	P	2N1192	2N1191	A	170M	A	85	25	18	0					50	E			
2N363	G	P	2N1192	2N1191	A	170M	A	85	32	28	0					25	E			
2N364	G	N			S	150M	A	100	30							9.0	E	1.0M	B	
2N365	G	N			S	150M	A	100	30							19	E	1.0M	B	
2N366	G	N			S	150M	A	100	30							49	E	1.0M	B	
2N367	G	P	2N1191	2N1191	S	100M	A	75	30							9.0	E	300K	B	
2N368	G	P	2N1191	2N1191	S	100M	A	75	30							19	E	400K	B	
2N369	G	P	2N3324	2N3323	S	100M	A	75	30							49	E	500K	B	
2N370	G	P	2N3324	2N3323	AH	80M	A	71	24											
2N371	G	P	2N3324	2N3323	AH	80M	A	71	24											
2N372	G	P	2N3324	2N3323	AH	80M	A	71	24											
2N373	G	P			AH	80M	A	71	25											
2N374	G	P	2N3325	2N3323	AH	80M	A	71	25											
2N375	G	P			AP	58W	C	95	80					1.0	2.0A					
2N376	G	P			AP	10W	A	100	50	40	0	35	120	700M						
2N376A	G	P			AP	90W	J	100	50	40	S	35	120	0.7A	1.75	5.0A			5.0K	E
2N377	G	N			S	150M	A	100	25	20	V	20	60	30M	0.5	200M			5.0M	E
2N377A	G	N			S	150M	A	100	40	40	V	20	60	30M					5.0M	E
2N378	G	P			SP	50W	C	100	20	20	0	40	80	2.0A	1.0	2.0A			5.0K	E
2N379	G	P			SP	50W	C	100	40	20	0	70	2.0A	1.0	2.0A			5.0K	E	
2N380	G	P			SP	50W	C	100	30	30	0	70	2.0A	1.0	2.0A			5.0K	E	
2N381	G	P			A	0.2W	A	100	50	25	R	35	65	20M			35	E		
2N382	G	P			A	0.2W	A	100	50	25	R	60	95	20M			70	E		
2N383	G	P			A	0.2W	A	100	50	25	R	75	120	20M			90	E		
2N384	G	N	2N3325	2N3323	AH	120M	A	100	40	40	0	20	175	1.5M						
2N385	G	N			S	150M	A	100	25	25	R	30	110	30M					4.0M	B
2N385A	G	N			S	150M	A	100	40	40	V	30	110	30M					4.0M	B
2N386	G	P			AP	500M	C	100	60	60	V	20	2.5A	2.5A					7.0K	E
2N387	G	P			AP	500M	C	100	80	80	V	20	2.5A	2.5A					6.0K	E
2N388	G	N			S	150M	A	100	25	20	R	60	180	30M					5.0M	B
2N388A	G	N			S	150M	A	100	40	40	V	60	200	0.30M					5.0M	B
2N389	S	N	2N5068	2N5068	AP	85W	C	200	60	12	60	1.0A								
2N389A	S	N	2N5068	2N5068	AP	85W	C	200	60	12	60	1.0A			0.75	1.0A				
2N392	G	P	2N1550	2N1539	AP	48W	C	95	60	40	R	60	150	3.0A	0.5	3.0A			1.0M	T
2N393	G	P	2N967	2N960	S	25M	A	100	6.0	6.0	S	20	20	50M	0.07	8.0M			25M	T
2N394	G	P			SH	150M	A	85	10	10	0	20	150	10M					4.0M	B
2N394A	G	P			SH	150M	A	85	10	30	0	30	120	10M					4.0M	B
2N395	G	P			SH	200M	A	100	30	15	R	20	150	10M	0.2	50M			3.0M	B
2N396	G	P			SH	200M	A	100	30	20	R	30	150	10M	0.2	50M			5.0M	B
2N396A	G	P			SH	200M	A	100	30	20	0	30	150	10M	0.2	50M			5.0M	B
2N397	G	P			SH	200M	A	100	30	15	R	40	150	10M	0.2	50M			10M	B
2N398	G	P			SP	50M	A	55	105	105	S	20	5.0M							
2N398A	G	P			A	150M	A	100	105	105	S	20	5.0M	0.35	5.0M			20	E	
2N398B	G	P	2N2043	2N2042	SP	250M	A	100	105	105	S	20	5.0M	0.25	5.0M			40	E	
2N399	G	P	2N351A	2N350A	AP	25W	C	90	35	35	R			1.0	1.2A					
2N400	G	P	2N350A	2N350A	AP	35W	C	95	25	20	0	40	300	0.5A	0.8	1.0A			25	E
2N401	G	P	2N3611	2N3611	AP	25W	C	90		35	R			1.0	1.2A					
2N402	G	P	2N1191	2N1191	A	180M	A	85	25	20	0									
2N403	G	P	2N1191	2N1191	A	180M	A	85	25	20	0									
2N404	G	P			S	150M	A	85	25											
2N404A	G	P			S	150M	A	100	40	35	0	30							4.0M	B
2N405	G	P	2N322	2N322	A	150M	A	71	20					0.15	12M					
2N406																				