

## PRODUCT CATALOG



Devices, Inc.

## SPACE FLIGHT POWER TRANSISTORS

## NSC

DEVICE TYPE	CONTROL DRAWING	VCBO VOLTS	VCEO VOLTS	ES/B MILLIJOULE	IC(CONT.) MAX	POWER @ 100°C WATTS	CASE TYPE
S2N2658	85MO3767	100	80	0.50	5.0	4.0	TO-5
S2N2880	85MO2709	100	80	1.00	5.0	30.0	TO-111
S2N2880-1	85MO2709	100	80	—	5.0	30.0	TO-111
S2N3749	85MO3775	100	80	1.00	5.0	30.0	TO-111/I
S2N3749-1	85MO3775	100	80	—	5.0	30.0	TO-111/I
S2N4150	50M34277	120	80	1.00	5.0	5.0	TO-5
S2N4150-1	50M34277	120	80	1.00	5.0	5.0	TO-5*
S2N4863	85MO3773	140	120	0.25	2.0	4.0	TO-5
2SN4863-1	85MO3773	140	120	—	2.0	4.0	TO-5
S2N4863-2	85MO3773	120	100	0.25	2.0	4.0	TO-5
S2N4863-3	85MO3773	120	100	—	2.0	4.0	TO-5
S2N5539	85MO3886	175	130	5.00	20.0	100.0	TO-63
S2N5539-1	85MO3886	175	130	—	20.0	100.0	TO-63
S2N5539-2**	85MO3886	175	130	5.00	20.0	100.0	TO-63
S2N5539-3**	85MO3886	175	130	—	20.0	100.0	TO-63
S2N5539-4**	85MO3886	175	130	2.00	20.0	100.0	TO-63
S2N5539-5**	85MO3886	130	110	5.00	20.0	100.0	TO-63
S2N5539-6**	85MO3886	130	110	—	20.0	100.0	TO-63
S2N5539-7**	85MO3886	130	110	2.00	20.0	100.0	TO-63
S2N5539-8	85MO3886	110	80	—	20.0	50.0	TO-61/I
S2N5541	85MO3887	175	130	1.00	10.0	5.0	TO-5
S2N5541-1	85MO3887	175	130	—	10.0	5.0	TO-5
S2N5541-2**	85MO3887	175	130	1.00	10.0	5.0	TO-5
S2N5541-3**	85MO3887	175	130	—	10.0	5.0	TO-5
S2N5541-4**	85MO3887	130	110	1.00	10.0	5.0	TO-5
S2N5541-5**	85MO3887	130	110	—	10.0	5.0	TO-5
S2N5442	85MO3774	175	130	2.00	10.0	50.0	TO-61
S2N5542-1	85MO3774	175	130	—	10.0	50.0	TO-61
S2N5542-2**	85MO3774	175	130	2.00	10.0	50.0	TO-61
S2N5542-3**	85MO3774	175	130	—	10.0	50.0	TO-61
S2N5542-4**	85MO3774	130	110	2.00	10.0	50.0	TO-61
S2N5542-5**	85MO3774	130	110	—	10.0	50.0	TO-61

## ESA/SCC

2N2658	5203/025-05B	150	100	0.50	5.0	4.0	TO-39
2N2658	5203/025-06B	150	100	0.50	5.0	4.0	TO-39
2N2814	5203/031B	120	80	—	10.0	50.0	TO-61
2N2880	5203/025-03B	150	100	—	5.0	30.0	TO-111
2N2880	5203/025-01B	150	100	1.00	5.0	30.0	TO-111
2N2880	5203/025-02B	150	100	1.00	5.0	30.0	TO-111
2N3055S	5203/003-01B	100	60	—	10.0	125.0	TO-3
2N3599	5208/006-01B	100	80	—	20.0	80.0	TO-61/I
2N3741	5204/012-01B	80	80	—	4.0	14.0	TO-66
2N3749	5203/014-03B	150	100	1.00	5.0	30.0	TO-111/I
2N5004	5203/013-01B	125	80	—	5.0	33.0	TO-111/I
2N5005	5204/005-01B	100	80	—	5.0	33.0	TO-111/I

\*Low Profile TO-5 \*\*Relaxed switching time

NSC = NASA SPACE CENTER

ESA/SCC = European Space Center/Space Components Coordination Group



Devices, Inc.

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**SPACE FLIGHT POWER TRANSISTORS**
[continued] **ESA/SCC**

DEVICE TYPE	CONTROL DRAWING	VCBO VOLTS	VCEO VOLTS	ES/B MILLIJOULE	I <sub>C</sub> (CONT.) MAX	POWER @ 100°C WATTS	CASE TYPE
2N5038	5203/009-01B	150	70	—	10.0	80.0	TO-3
2N5074	4203/022-01B	225	200	—	5.0	30.0	TO-111/I
2N5153	5204/002-01B	100	80	—	5.0	5.0	TO-5
2N5539	5203/032B	175	130	—	20.0	100.0	TO-63
2N5672	5203/004-01B	150	120	—	30.0	80.0	TO-3
2N6307	5208/007-01B	600	300	180.0	8.0	100.0	TO-3
SDT3229	5203/024-01B	120	120	—	10.0	30.0	TO-111/I
SDT55907	5203/023-05B	275	200	—	100.0	200.0	TO-228AC
SDT55907	5203/023-06B	275	200	—	100.0	200.0	TO-228AC

**GFW**

S2N2658-1	TU137-B06	150	100	—	5.0	4.0	TO-5
2N3265	GF-WTU-133	150	90	2.0	20.0	175.0	TO-63
2N3599	SL-TU108-B01	100	80	—	20.0	100.0	TO-63
2N3599	TU108-B01	100	80	—	20.0	100.0	TO-63
2N3658	TU106-A01	100	80	—	5.0	4.0	TO-5
S2N3749	SL-TU137/1-B01	150	100	—	5.0	30.0	TO-111/I
S2N3749	TU137-B01	150	100	—	5.0	30.0	TO-111/I
S2N3749-1	SL-TU137/1-B02	150	100	—	5.0	30.0	TO-111/I
S2N3749-1	TU137-B02	150	100	—	5.0	30.0	TO-111/I
2N4003	TU115-B01	120	100	—	30.0	100.0	TO-63
2N5004	TU102-B01	100	80	—	5.0	33.3	TO-111/I
2N5004	SL-TU102/1-B01	100	80	—	5.0	33.3	TO-111/I
2N5005	TU206-B01	100	80	—	10.0	30.0	TO-111/I
2N5005	SL-TU206-B01	100	80	—	10.0	30.0	TO-111/I
2N5038	TU109-B01	150	70	—	20.0	80.0	TO-3
2N5074	SL-TU129/B01	200	200	—	5.0	30.0	TO-111/I
2N5153	TU201-B01	100	80	—	5.0	5.0	TO-5
2N5154	TU105-B01	100	80	—	5.0	5.0	TO-5
2N5384	TU205-B01	100	80	—	5.0	30.0	TO-111
2N5407	TU204-B01	100	100	—	5.0	5.0	TO-5
2N6307	SL-TU124/B01	600	300	180.0	8.0	100.0	TO-3
BDY93	TU131-B03	600	350	—	4.0	40.0	TO-228AA/I
SDT3309	TU208-B01	120	120	—	5.0	30.0	TO-111/I
SDT7154	TU111-B01	140	120	—	10.0	50.0	TO-61
SDT55907	SL-TU119-B03	275	200	—	75.0	200.0	TO-228AC

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GFW = Gesellschaft Fur Weltraumforschung