

# Dual Transistors

## TO-78 Case



$P_D @ T_A=25^{\circ}C=600mW$  Total (Both Die Equal Power)

TYPE NO.	DESCRIPTION	$I_C$ (mA)	$V_{CBO}$ (V)	$V_{CEO}$ (V)	$h_{FE}$		@ $I_C$ (mA)	@ $V_{CE}$ (V)	$V_{CE(SAT)}$ (V)	@ $I_C$ (mA)	$f_T$ (MHz)	MATCHING	
					MIN	MAX						$h_{FE}$ %	$V_{BE}$ (mV)
2N2060	NPN AMPL/SWITCH	500	100	60	50	150	10	5.0	1.2	50	60	10	5.0
2N2060A	NPN AMPL/SWITCH	500	100	60	50	150	10	5.0	0.6	50	60	10	3.0
2N2223	NPN AMPL/SWITCH	500	100	60	50	200	10	5.0	1.2	50	50	20	15
2N2223A	NPN AMPL/SWITCH	500	100	60	50	200	10	5.0	1.2	50	50	10	5.0
2N2453	NPN LOW NOISE	50	60	30	150	600	1.0	5.0	1.0	5.0	60	10	3.0
2N2453A	NPN LOW NOISE	50	80	50	150	600	1.0	5.0	1.0	5.0	60	10	3.0
2N2480	NPN AMPL/SWITCH	500	75	35	30	350	1.0	5.0	1.3	50	50	20	10
2N2480A	NPN AMPL/SWITCH	500	80	40	50	200	1.0	5.0	1.2	50	50	20	5.0
2N2639	NPN LOW NOISE	30	45	45	50	300	0.01	5.0	1.0	10	40	10	5.0
2N2640	NPN LOW NOISE	30	45	45	50	300	0.01	5.0	1.0	10	40	20	10
2N2641	NPN LOW NOISE	30	45	45	50	300	0.01	5.0	1.0	10	40	--	--
2N2642	NPN LOW NOISE	30	45	45	100	300	0.01	5.0	1.0	10	40	10	5.0
2N2643	NPN LOW NOISE	30	45	45	100	300	0.01	5.0	1.0	10	40	20	10
2N2644	NPN LOW NOISE	30	45	45	100	300	0.01	5.0	1.0	10	40	--	--
2N2652	NPN AMPL/SWITCH	500	100	60	50	200	1.0	5.0	1.2	50	60	15	3.0
2N2652A	NPN AMPL/SWITCH	500	100	60	50	200	1.0	5.0	1.2	50	60	10	3.0
2N2722	NPN LOW NOISE	40	45	45	50	250	0.001	5.0	1.0	10	100	10	5.0
2N2903	NPN LOW NOISE	50	60	30	125	625	1.0	5.0	1.0	5.0	60	20	10
2N2903A	NPN LOW NOISE	50	60	30	125	625	1.0	5.0	1.0	5.0	60	10	5.0
2N2913	NPN LOW NOISE	30	45	45	60	240	0.01	5.0	0.35	1.0	60	--	--
2N2914	NPN LOW NOISE	30	45	45	150	600	0.01	5.0	0.35	1.0	60	--	--
2N2915	NPN LOW NOISE	30	45	45	60	240	0.01	5.0	0.35	1.0	60	10	3.0
2N2915A	NPN LOW NOISE	30	45	45	60	240	0.01	5.0	0.35	1.0	60	10	1.5
2N2916	NPN LOW NOISE	30	45	45	150	600	0.01	5.0	0.35	1.0	60	10	3.0
2N2916A	NPN LOW NOISE	30	45	45	150	600	0.01	5.0	0.35	1.0	60	10	1.5
2N2917	NPN LOW NOISE	30	45	45	60	240	0.01	5.0	0.35	1.0	60	20	5.0
2N2918	NPN LOW NOISE	30	45	45	150	600	0.01	5.0	0.35	1.0	60	20	5.0
2N2919	NPN LOW NOISE	30	60	60	60	240	0.01	5.0	0.35	1.0	60	10	3.0
2N2919A	NPN LOW NOISE	30	60	60	60	240	0.01	5.0	0.35	1.0	60	10	1.5
2N2920	NPN LOW NOISE	30	60	60	150	600	0.01	5.0	0.35	1.0	60	10	3.0
2N2920A	NPN LOW NOISE	30	60	60	150	600	0.01	5.0	0.35	1.0	60	10	1.5
2N3726	PNP LOW NOISE	300	45	45	135	350	1.0	5.0	0.25	50	200	10	5.0
2N3727	PNP LOW NOISE	300	45	45	135	350	1.0	5.0	0.25	50	200	10	2.5
2N3806	PNP LOW NOISE	50	60	60	150	450	1.0	5.0	0.2	0.1	100	--	--
2N3807	PNP LOW NOISE	50	60	60	300	900	1.0	5.0	0.2	0.1	100	--	--
2N3808	PNP LOW NOISE	50	60	60	150	450	1.0	5.0	0.2	0.1	100	20	5.0
2N3809	PNP LOW NOISE	50	60	60	300	900	1.0	5.0	0.2	0.1	100	20	5.0
2N3810	PNP LOW NOISE	50	60	60	150	450	1.0	5.0	0.2	0.1	100	10	3.0
2N3810A	PNP LOW NOISE	50	60	60	150	450	1.0	5.0	0.2	0.1	100	5.0	1.5
2N3811	PNP LOW NOISE	50	60	60	300	900	1.0	5.0	0.2	0.1	100	10	3.0
2N3811A	PNP LOW NOISE	50	60	60	300	900	1.0	5.0	0.2	0.1	100	5.0	1.5
2N4015	PNP AMPL/SWITCH	300	60	60	135	350	1.0	5.0	0.25	50	200	10	5.0
2N4016	PNP AMPL/SWITCH	300	60	60	135	350	1.0	5.0	0.25	50	200	10	2.5
2N5794	NPN AMPL/SWITCH	600	75	40	100	300	150	10	0.3	150	250	--	--
2N5796	PNP AMPL/SWITCH	600	60	60	100	300	150	10	0.4	150	200	--	--
MD708	NPN SAT SWITCH	200	40	15	40	200	10	1.0	0.5	100	300	--	--
MD708A	NPN SAT SWITCH	200	40	15	40	200	10	1.0	0.5	100	300	10	5.0
MD708B	NPN SAT SWITCH	200	40	15	40	200	10	1.0	0.5	100	300	20	10