

**2N6292 FAMILY [n-p-n] (silicon)**  
 $f_T = 4 \text{ MHz min}; P_T = 40 \text{ W max}$

**DESCRIPTION**

**2N TYPES**

2N6288	Epitaxial-Base, TO-220AB
2N6289	Epitaxial-Base, TO-220AA
2N6290	Epitaxial-Base, TO-220A
2N6291	Epitaxial-Base, TO-220AA
2N6292	Epitaxial-Base, TO-220AB
2N6293	Epitaxial-Base, TO-220AA

$V_{CE0(sus)}$ V	$V_{CER(sus)}$ V	$V_{CEV(sus)}$ V		$h_{FE}$		$I_{CEV-mA}$			$V_{CE(sat)-V}$			$V_{BE-V}$	
				$I_C$ A	$V_{CE}$ V	Temp.- $^{\circ}C$ 25	150	$V_{CB}$ V	$I_C$ A	$I_B$ A	$I_C$ A	$I_C$ A	
30	40	40 ▲	30-150	3	4	0.1	2 ■	37.5	1	3	0.3	1.5	3
30	40	40 ▲	30-150	3	4	0.1	2 ■	37.5	1	3	0.3	1.5	3
50	60	60 ▲	30-150	2.5	4	0.1	2*	56	1	2.5	0.25	1.5	2.5
50	60	60 ▲	30-150	2.5	4	0.1	2*	56	1	2.5	0.25	1.5	2.5
70	80	80 ▲	30-150	2	4	0.1	2†	75	1	2	0.2	1.5	2
70	80	80 ▲	30-150	2	4	0.1	2†	75	1	2	0.2	1.5	2

**AUDIO TYPES**

40979	Output, 12-W Amplifier
40871	Driver, Audio Amplifier
40873	General Purpose
40875	Output Audio Amplifier

40	50	-	50-250	1.5	4	0.01●	-	35	1	1.5	0.075	1.5	1.5
100	120	-	50-250	1	4	1●	-	110	1	1	0.1	1.5	1
70	80	-	30-150	2	4	1●	-	70	1	2	0.2	1.5	2
50	60	-	20-120	3	4	1●	-	50	1	3	0.3	1.5	3

**OTHER TYPES**

BD239	Epitaxial - Base, TO-220 AB
BD239A	Epitaxial - Base, TO220 AB
BD239B	Epitaxial - Base, TO-220 AB
BD239C	Epitaxial - Base, TO220 AB
BD241	Epitaxial - Base, TO-220 AB
BD241A	Epitaxial - Base, TO-220 AB
BD241B	Epitaxial - Base, TO220 AB
BD241C	Epitaxial - Base, TO-220 AB
BD243	Epitaxial - Base, TO-220 AB
BD243A	Epitaxial - Base, TO-220 AB
BD243B	Epitaxial - Base, TO-220 AB
BD243C	Epitaxial - Base, TO-220 AB

45	-	-	15	1	4	0.2 #	-	45	0.7	1	-0.2	1.3	1
60	-	-	15	1	4	0.2 #	-	60	0.7	1	-0.2	1.3	1
80	-	-	15	1	4	0.2 #	-	80	0.7	1	-0.2	1.3	1
100	-	-	15	1	4	0.2 #	-	100	0.7	1	-0.2	1.3	1
45	-	-	10	3	4	0.2 #	-	45	1.2	3	-0.6	1.8	3
60	-	-	10	3	4	0.2 #	-	60	1.2	3	-0.6	1.8	3
80	-	-	10	3	4	0.2 #	-	80	1.2	3	-0.6	1.8	3
100	-	-	10	3	4	0.2 #	-	100	1.2	3	-0.6	1.8	3
45	-	-	15	3	4	0.4 #	-	45	1.5	6	-1.00	2.	6
60	-	-	15	3	4	0.4 #	-	60	1.5	6	-1.00	2.	6
80	-	-	15	3	4	0.4 #	-	80	1.5	6	-1.00	2.	6
100	-	-	15	3	4	0.4 #	-	100	1.5	6	-1.00	2.	6

▲  $V_{CEX(sus)}$  ■ At  $V_{CE} = 30 \text{ V}$  \* At  $V_{CE} = 50 \text{ V}$  † At  $V_{CE} = 70 \text{ V}$  ●  $I_{CER}$  #  $I_{CES}$

**2N6372 FAMILY [n-p-n] (silicon)**  
 $f_T = 4 \text{ MHz min}; P_T = 40 \text{ W max}$

**2N TYPES**

2N6374	General Purpose
2N6373	General Purpose
2N6372	General Purpose

40	45	50 ▲	20-100	3	4	100●	2	45	1	3	0.3	2	3
60	65	70 ▲	20-100	2.5	4	100●	2	65	1	2.5	0.25	2	2.5
80	85	90 ▲	20-100	2	4	100●	2	85	1	2	0.2	2	2

▲  $V_{CEX(sus)}$  ●  $I_{CEX-\mu A}$

