

Transistors, General

| Type | Polarity | Material | P _{tot} Max. (mW) | f _T Typ. (MHz) | Absolute Max. Ratings | | | | h _{FE} | | | T _j Max. (°C) | C _{OB} Max. (pF) | Case Outline | Lead Info. | Manufacturer |
|---------|----------|----------|----------------------------|---------------------------|-----------------------|----------------------|----------------------|---------------------|-----------------|-------|------|--------------------------|---------------------------|--------------|------------|--------------------|
| | | | | | V _{CE0} (V) | V _{CEO} (V) | V _{EB0} (V) | I _C (mA) | Min. | at mA | Max. | | | | | |
| 2N3694 | NPN | Si | 200 | 200 | 45 | 45 | 4 | 10 | 100 | 10 | 400 | 125 | 3.5 | TO-106 | 07 | N,Sp,u |
| 2N3700 | NPN | Si | 500 | 100 | 140 | 80 | 7 | 1A | 100 | 150 | 300 | 200 | 12 | TO-18 | 05 | AEG,F,N |
| 2N3701 | NPN | Si | 500 | 80 | 140 | 80 | 7 | 1A | 40 | 150 | 120 | 200 | 12 | TO-18 | 05 | F |
| 2N3702 | PNP | Si | 360 | 100 | -40 | -25 | -5 | 500 | 60 | 50 | - | 150 | 12 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3703 | PNP | Si | 360 | 100 | -50 | -30 | -5 | 500 | 30 | 50 | - | 150 | 12 | TO-92 | 09 | N,Sp,TI,u |
| 2N3704 | NPN | Si | 360 | 100 | 50 | 30 | 5 | 500 | 100 | 50 | - | 150 | 12 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3705 | NPN | Si | 360 | 100 | 50 | 30 | 5 | 500 | 50 | 50 | - | 150 | 12 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3706 | NPN | Si | 360 | 100 | 40 | 20 | 5 | 500 | 30 | 50 | - | 150 | 12 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3707 | NPN | Si | 360 | 100 | 30 | 30 | 5 | 200 | 100 | 0.1 | 400 | 150 | 12 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3708 | NPN | Si | 360 | 100 | 30 | 30 | 5 | 200 | 45 | 1 | 660 | 150 | 12 | TO-92 | 09 | N,Sp,TI,u |
| 2N3709 | NPN | Si | 360 | 100 | 30 | 30 | 5 | 200 | 45 | 1 | 160 | 150 | 12 | TO-92 | 09 | N,Sp,TI,u |
| 2N3710 | NPN | Si | 360 | 100 | 30 | 30 | 5 | 200 | 90 | 1 | 330 | 150 | 12 | TO-92 | 09 | N,Sp,u |
| 2N3711 | NPN | Si | 360 | 100 | 30 | 30 | 5 | 200 | 180 | 1 | 660 | 150 | 11 | TO-92 | 09 | F,N,Sp,TI,u |
| 2N3713 | NPN | Si | 150W | 2.5 | 80 | 60 | 7 | 10A | 25 | 1A | 90 | 200 | - | TO-3 | 02 | STC |
| 2N3714 | NPN | Si | 150W | 2.5 | 80 | 80 | 7 | 10A | 25 | 1A | 90 | 200 | - | TO-3 | 02 | STC |
| 2N3715 | NPN | Si | 150W | 2.5 | 100 | 60 | 7 | 10A | 50 | 1A | 150 | 200 | - | TO-3 | 02 | IR,STC |
| 2N3716 | NPN | Si | 150W | 2.5 | 100 | 80 | 7 | 10A | 50 | 1A | 150 | 200 | - | TO-3 | 02 | IR,STC |
| 2N3719 | PNP | Si | 1W | 60 | -40 | -40 | -4 | 3A | 25 | 1A | 180 | 200 | 20 | TO-5 | 08 | TI |
| 2N3720 | PNP | Si | 1W | 60 | -60 | -60 | -4 | 3A | 25 | 1A | 180 | 200 | 20 | TO-5 | 08 | TI |
| 2N3721 | NPN | Si | 360 | 120 | 18 | 18 | 5 | 100 | 60 | 2 | 660 | - | 10 | TO-98 | 09 | N,Sp |
| 2N3722 | NPN | Si | 800 | 300 | 80 | 60 | 6 | 500 | 40 | 100 | 150 | 200 | 10 | TO-5 | 08 | F |
| 2N3724 | NPN | Si | 800 | 300 | 50 | 30 | 6 | 500 | 60 | 100 | 150 | 200 | 10 | TO-5 | 08 | F,Fe,N,Mo,SGS,Sp,u |
| 2N3724A | NPN | Si | 1W | 300 | 50 | 30 | 6 | 1.2A | 60 | 100 | 150 | 200 | 12 | TO-5 | 08 | N,TI,u |
| 2N3725 | NPN | Si | 800 | 300 | 80 | 40 | 6 | 500 | 60 | 100 | 150 | 200 | 10 | TO-5 | 08 | F,Fe,N,Mo,SGS,Sp,u |
| 2N3725A | NPN | Si | 1W | 300 | 80 | 50 | 6 | 1.2A | 60 | 100 | 150 | 200 | 12 | TO-5 | 08 | F,N,TI |
| 2N3734 | NPN | Si | 1W | 300 | 50 | 30 | 5 | 1.2A | 30 | 1 | 120 | 175 | 9 | TO-5 | 08 | F,Mo |
| 2N3738 | NPN | Si | 20W | 10 | 250 | 225 | 6 | 250 | 40 | 100 | 200 | 175 | 20 | TO-66 | 19 | STC |
| 2N3739 | NPN | Si | 20W | 10 | 325 | 300 | 6 | 250 | 40 | 100 | 200 | 175 | - | TO-66 | 19 | STC |
| 2N3740 | PNP | Si | 25W | 4 | 60 | 60 | 7 | 1A | 30 | 250 | 100 | 200 | - | TO-66 | 19 | STC |
| 2N3740A | PNP | Si | 25W | 4 | 60 | 60 | 7 | 1A | 30 | 250 | 100 | 200 | - | TO-66 | 19 | STC |
| 2N3741 | PNP | Si | 25W | 4 | 80 | 80 | 7 | 1A | 30 | 250 | 100 | 200 | - | TO-66 | 19 | STC |
| 2N3741A | PNP | Si | 25W | 4 | 80 | 80 | 7 | 1A | 30 | 250 | 100 | 200 | - | TO-66 | 19 | STC |
| 2N3742 | NPN | Si | 5W | 15 | 300 | 300 | 7 | 50 | 20 | 30 | 200 | 200 | 6 | TO-5 | 08 | N,STC |
| 2N3743 | PNP | Si | 5W | 15 | -300 | -300 | -5 | 50 | 25 | 30 | 250 | 200 | 15 | TO-39 | 08 | Mo,STC |
| 2N3744 | NPN | Si | 30W | 30 | - | 30 | - | 5A | 20 | 1A | 60 | - | - | TO-111 | 60 | STC |
| 2N3745 | NPN | Si | 30W | 30 | - | 50 | - | 5A | 20 | 1A | 60 | - | - | TO-111 | 60 | N,STC |
| 2N3746 | NPN | Si | 30W | 30 | - | 70 | - | 5A | 20 | 1A | 60 | - | - | TO-111 | 60 | STC |
| 2N3747 | NPN | Si | 30W | 40 | - | 30 | - | 5A | 40 | 1A | 120 | - | - | TO-111 | 60 | STC |
| 2N3748 | NPN | Si | 30W | 40 | - | 50 | - | 5A | 40 | 1A | 120 | - | - | TO-111 | 60 | STC |
| 2N3749 | NPN | Si | 30W | 40 | - | 70 | - | 5A | 40 | 1A | 120 | - | - | TO-111 | 60 | STC |
| 2N3750 | NPN | Si | 30W | 50 | - | 30 | - | 5A | 100 | 1A | 300 | - | - | TO-111 | 60 | STC |
| 2N3751 | NPN | Si | 30W | 50 | - | 50 | - | 5A | 100 | 1A | 300 | - | - | TO-111 | 60 | STC |
| 2N3752 | NPN | Si | 30W | 50 | - | 70 | - | 5A | 100 | 1A | 300 | - | - | TO-111 | 60 | STC |
| 2N3766 | NPN | Si | 20W | 10 | 80 | 60 | 6 | 1A | 40 | 500 | 160 | 175 | 50 | TO-66 | 19 | STC |
| 2N3767 | NPN | Si | 20W | 10 | 100 | 80 | 6 | 1A | 40 | 500 | 160 | 175 | 50 | TO-66 | 19 | STC |
| 2N3771 | NPN | Si | 150W | 0.2 | 50 | 40 | 5 | 30A | 15 | 15 | 60 | 200 | - | TO-3 | 02 | RCA,STC |
| 2N3772 | NPN | Si | 150W | 0.2 | 100 | 60 | 7 | 20A | 15 | 10 | 60 | 200 | - | TO-3 | 02 | RCA,STC |
| 2N3773 | NPN | Si | 150W | 0.2 | 160 | 140 | 7 | 16A | 15 | 8 | 60 | 200 | - | TO-3 | 02 | RCA,STC |
| 2N3788 | NPN | Si | 100W | 5 | - | 325 | - | 2A | 20 | 500 | 80 | - | - | TO-3 | 02 | STC |
| 2N3789 | PNP | Si | 150W | 4 | - | -60 | - | 10A | 25 | 1A | 90 | - | - | TO-3 | 02 | STC |
| 2N3790 | PNP | Si | 150W | 4 | - | -80 | - | 10A | 25 | 1A | 90 | - | - | TO-3 | 02 | STC |
| 2N3791 | PNP | Si | 150W | 4 | - | -60 | - | 10A | 50 | 1A | 150 | - | - | TO-3 | 02 | OR,STC |
| 2N3792 | PNP | Si | 150W | 4 | - | -80 | - | 10A | 50 | 1A | 150 | - | - | TO-3 | 02 | IR,STC |
| 2N3793 | NPN | Si | 1W | 100 | 40 | 20 | 5 | 1A | 20 | 10 | 120 | 150 | 10 | TO-92 | 09 | N |
| 2N3794 | NPN | Si | 1W | 100 | 40 | 20 | 5 | 1A | 100 | 10 | 600 | 150 | 10 | TO-92 | 09 | N |
| 2N3798 | PNP | Si | 360 | 100 | -60 | -60 | -5 | 50 | 150 | 1 | 450 | 200 | 4 | TO-18 | 05 | u |
| 2N3799 | PNP | Si | 360 | 100 | -60 | -60 | -5 | 50 | 300 | 1 | 900 | 200 | 4 | TO-18 | 05 | N,u |
| 2N3825 | NPN | Si | 250 | 800 | 30 | 15 | 4 | 100 | 20 | 10 | - | - | 3.5 | TO-92 | 09 | N,u |
| 2N3827 | NPN | Si | 400 | 200 | 60 | 45 | 4 | 30 | 100 | 10 | 400 | 125 | 3.5 | TO-92 | 09 | N,Sp |
| 2N3829 | PNP | Si | 360 | 350 | -35 | -20 | -5 | 200 | 30 | 30 | 120 | - | - | TO-18 | 05 | TI |
| 2N3840 | PNP | Si | 400 | 6 | -50 | -50 | -50 | - | 50 | 1 | - | - | 9 | TO-46 | 05 | Sp |
| 2N3843 | NPN | Si | 200 | 60 | 30 | 30 | 4 | 100 | 20 | 2 | 40 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3843A | NPN | Si | 200 | 60 | 30 | 30 | 4 | 100 | 20 | 2 | 40 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3844 | NPN | Si | 200 | 90 | 30 | 30 | 4 | 100 | 35 | 2 | 70 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3844A | NPN | Si | 200 | 90 | 30 | 30 | 4 | 100 | 35 | 2 | 70 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3845 | NPN | Si | 200 | 126 | 30 | 30 | 4 | 100 | 60 | 2 | 120 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3845A | NPN | Si | 200 | 126 | 30 | 30 | 4 | 100 | 60 | 2 | 120 | 100 | 4 | TO-98 | 09 | Sp |
| 2N3846 | NPN | Si | 150W | 10 | 300 | 200 | - | 20A | 40 | 5A | 200 | 200 | - | TO-63 | 59 | STC |
| 2N3847 | NPN | Si | 150W | 10 | 400 | 300 | - | 20A | 40 | 5A | 200 | 200 | - | TO-63 | 59 | STC |