

Low Level and General Purpose Amplifiers

| TYPE NO. | POLARITY | CASE | MAXIMUM RATINGS | | | H _{FE} | | | | V _{CE(sat)} | | f _r | C _{ob} | N.F. |
|----------|----------|--------|------------------------|------------------------|-------------------------|-----------------|---------|------------------------|------------------------|----------------------|------------------------|----------------|-----------------|-------------|
| | | | P _d (mW) | I _C (mA) | V _{CEO} (V) | min | | I _C (mA) | V _{CE} (V) | max (V) | I _C (mA) | min (MHz) | max (MHz) | max (dB) |
| | | | | | | min | max | | | | | | | |
| BC451 | N | TO-92F | 300 | 100 | 45 | 110 | 800 # | 2 | 6 | - | - | 150 | 4.5 | 10 |
| BC452 | N | TO-92F | 300 | 100 | 30 | 110 | 800 # | 2 | 6 | - | - | 150 | 4.5 | 10 |
| BC453 | N | TO-92F | 300 | 100 | 30 | 110 | 800 # | 2 | 6 | - | - | 150 | 4.5 | 4 |
| BC454 | P | TO-92F | 300 | 100 | 45 | 125 | 800 # | 2 | 6 | - | - | 150 | 6 | 10 |
| BC455 | P | TO-92F | 300 | 100 | 30 | 125 | 800 # | 2 | 6 | - | - | 150 | 6 | 10 |
| BC456 | P | TO-92F | 300 | 100 | 30 | 125 | 800 # | 2 | 6 | - | - | 150 | 6 | 4 |
| BC478 | P | TO-18 | 360 | 150 | 50 | 110 | 450 # | 2 | 5 | 0.25 | 10 | - | 6 | 6 |
| BC479 | P | TO-18 | 360 | 150 | 40 | 220 | 450 # | 2 | 5 | 0.25 | 10 | - | 6 | 4 |
| BC546 | N | TO-92F | 500 | 100 | 65 | 110 | 450 # | 2 | 5 | 0.6 | 100 | 300+ | 4.5 | 10 |
| BC547 | N | TO-92F | 500 | 100 | 45 | 110 | 450 # | 2 | 5 | 0.6 | 100 | 250+ | 4.5 | 10 |
| BC548 | N | TO-92F | 500 | 100 | 30 | 110 | 800 # | 2 | 5 | 0.6 | 100 | 250+ | 4.5 | 10 |
| BC549 | N | TO-92F | 500 | 100 | 30 | 200 | 800 # | 2 | 5 | 0.6 | 100 | 250+ | 4.5 | 4 |
| BC550 | N | TO-92F | 500 | 100 | 45 | 200 | 800 # | 2 | 5 | 0.6 | 100 | 250+ | 4.5 | 4 |
| BC556 | P | TO-92F | 500 | 100 | 65 | 110 | 450 # | 2 | 5 | 0.6 | 100 | 300+ | 4.5 | 10 |
| BC557 | P | TO-92F | 500 | 100 | 45 | 70 | 450 # | 2 | 5 | 0.65 | 100 | 180+ | 3.2+ | 10 |
| BC558 | P | TO-92F | 500 | 100 | 30 | 70 | 800 # | 2 | 5 | 0.65 | 100 | 180+ | 3.2+ | 4 |
| BC559 | P | TO-92F | 500 | 100 | 30 | 110 | 800 # | 2 | 5 | 0.65 | 100 | 180+ | 3.2+ | 4 |
| BC560 | P | TO-92F | 500 | 100 | 45 | 110 | 800 # | 2 | 5 | 0.65 | 100 | 180+ | 3.2+ | 10 |
| BCX58 | N | TO-92F | 450 | 100 | 32 | 120 | 630 # | 2 | 5 | 0.5 | 100 | 125 | 4.5 | 6 |
| BCX59 | N | TO-92F | 450 | 100 | 45 | 120 | 630 # | 2 | 5 | 0.5 | 100 | 125 | 4.5 | 6 |
| BCX78 | P | TO-92F | 450 | 100 | 32 | 120 | 630 # | 2 | 5 | 0.6 | 100 | 100 | 4.5 | 6 |
| BCX79 | P | TO-92F | 450 | 100 | 45 | 120 | 630 # | 2 | 5 | 0.6 | 100 | 100 | 4.5 | 6 |
| BCY58 | N | TO-18 | 360 | 200 | 32 | 120 | 630 # | 2 | 5 | 0.35 | 10 | 125 | 6 | 6 |
| BCY59 | N | TO-18 | 360 | 200 | 45 | 120 | 630 # | 2 | 5 | 0.35 | 10 | 125 | 6 | 6 |
| BCY70 | P | TO-18 | 300 | 200 | 40 | 50 | - | 10 | 1 | 0.25 | 10 | 250 | 6 | 6 |
| BCY71 | P | TO-18 | 350 | 200 | 45 | 100 | 600 | 10 | 1 | 0.25 | 10 | 200 | 6 | 2 |
| BCY72 | P | TO-18 | 350 | 200 | 25 | 50 | - | 10 | 1 | 0.25 | 10 | 200 | 6 | 6 |
| BCY78 | P | TO-18 | 350 | 200 | 32 | 120 | 630 # | 2 | 5 | 0.25 | 10 | 100 | 7 | 6 |
| BCY79 | P | TO-18 | 350 | 200 | 45 | 120 | 460 # | 2 | 5 | 0.25 | 10 | 100 | 7 | 6 |
| KM9011 | N | TO-92A | 300 | 100 | 20 | 28 | 198 | 1 | 5 | 0.5 | 10 | 150 | 2.5 | - |
| KM9014 | N | TO-92A | 300 | 100 | 20 | 72 | 1000 # | 1 | 5 | 0.5 | 10 | 50 | 6 | 2+ |
| KM9015 | P | TO-92A | 300 | 100 | 20 | 72 | 1000 # | 1 | 5 | 0.5 | 10 | 50 | 6 | 2+ |
| MPS2714 | N | TO-92A | 350 | 100 | 18 | 75 | 225 | 2 | 4.5 | 0.3 | 50 | 250+ | 2.5+ | - |
| MPS2716 | N | TO-92A | 360 | 100 | 18 | 75 | 225 | 2 | 4.5 | - | - | - | 5 | - |
| MPS2923 | N | TO-92A | 360 | 100 | 25 | 90 | 180 * | 2 | 10 | - | - | - | 12 | - |
| MPS2924 | N | TO-92A | 360 | 100 | 25 | 150 | 300 * | 2 | 10 | - | - | - | 12 | - |
| MPS2925 | N | TO-92A | 360 | 200 | 25 | 235 | 470 * | 2 | 10 | - | - | - | 12 | - |
| MPS2926 | N | TO-92A | 360 | 200 | 18 | 35 | 470 # * | 2 | 10 | - | - | - | 3.5 | - |
| MPS3390 | N | TO-92A | 360 | 100 | 25 | 400 | 800 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3391 | N | TO-92A | 360 | 100 | 25 | 250 | 500 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3392 | N | TO-92A | 360 | 100 | 25 | 150 | 300 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3393 | N | TO-92A | 360 | 100 | 25 | 90 | 180 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3395 | N | TO-92A | 360 | 100 | 25 | 150 | 500 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3396 | N | TO-92A | 360 | 100 | 25 | 90 | 500 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3397 | N | TO-92A | 360 | 100 | 25 | 55 | 500 | 2 | 4.5 | - | - | - | 10 | - |
| MPS3398 | N | TO-92A | 360 | 100 | 25 | 55 | 800 | 2 | 4.5 | - | - | - | 10 | - |