

U-H-F AMPLIFIERS (Cont'd)

| Type NPN | Maximum Ratings | | | | Electrical Characteristics @ 25°C | | | | | | | | | | Case |
|----------|-----------------|-----------|-----------|-----------|-----------------------------------|----|------------|------------|---------|------|--------|-----|--------|-----|-------|
| | Pd Ambient mW | VCB Volts | VCE Volts | VEB Volts | HFE @ IC | | ft MHz Min | Cob pF Max | GPE @ f | | Po @ f | | NF @ f | | |
| | | | | | Min/Max | mA | | | dB Min | MHz | mW Min | MHz | dB Max | MHz | |
| 2N3292 | 200 | 25 | 15 | 3 | 10 | 2 | 250 | 2.0 | 16 | 200 | - | - | 9 | 200 | TO-72 |
| 2N3293 | 200 | 20 | 15 | 3 | 10 | 2 | 250 | 2.0 | - | - | 2 | 257 | 9 | 200 | TO-72 |
| 2N3294 | 200 | 20 | 15 | 3 | 10 | 2 | 250 | 2.0 | 14 | 200 | - | - | 9 | 200 | TO-72 |
| 2N918 | 200 | 30 | 15 | 3 | 20 | 3 | 600 | 1.7 | 15 | 200 | 30 | 500 | 6 | 60 | TO-72 |
| 2N3478 | 200 | 30 | 15 | 2 | 25/150 | 2 | 750 | 0.7 | 11.5 | 200 | - | - | 5 | 470 | TO-72 |
| 2N2857 | 200 | 30 | 15 | 2.5 | 30/150 | 3 | 1000 | 1.0 | 12.5 | 450 | 30 | 500 | 5 | 450 | TO-72 |
| 2N3839 | 200 | 30 | 15 | 2.5 | 30/150 | 3 | 1000 | 1.0 | 12.5 | 450 | 30 | 500 | 3.9 | 450 | TO-72 |
| 2N3600 | 200 | 30 | 15 | 3 | 20/150 | 3 | 850 | 1.0 | 17 | 200 | 20 | 500 | 3 | 60 | TO-72 |
| 2N5851 | 500 | 30 | 15 | 4.5 | 40/ | 10 | 800 | 1.5 | - | - | - | - | 4 | 200 | TO-72 |
| 2N5852 | 500 | 30 | 15 | 4.5 | 40/ | 10 | 1100 | 1.5 | - | - | - | - | 4 | 200 | TO-72 |
| 2N4252 | 200 | 30 | 18 | 4 | 50/ | 2 | 600 | 0.5 | - | - | - | - | - | - | TO-72 |
| 2N4253 | 200 | 30 | 18 | 4 | 30/150 | 2 | 600 | 0.5 | - | - | - | - | - | - | TO-72 |
| 2N3287 | 200 | 40 | 20 | 3 | 15/100 | 2 | 350 | 1.1 | 17 | 200 | - | - | 6 | 200 | TO-72 |
| 2N3288 | 200 | 35 | 20 | 3 | 30/200 | 2 | 700 | 1.5 | 15 | 200 | - | - | 7.5 | 200 | TO-72 |
| 2N3932 | 200 | 30 | 20 | 2.5 | 40/150 | 2 | 750 | 0.55 | 11.5 | 200 | - | - | 4.5 | 200 | TO-72 |
| 2N4874 | 720 | 30 | 20 | 2 | 20/100 | 50 | 900 | 3.5 | 1.0 | 400 | 1000 | 400 | - | - | TO-39 |
| 2N3308 | 200 | 40 | 25 | 3 | 25/250 | 2 | 300 | 1.6 | 17 | 200 | - | - | 6 | 200 | TO-72 |
| 2N4875 | 720 | 40 | 25 | 2 | 20/100 | 50 | 800 | 3.5 | 9.5 | 400 | 820 | 400 | - | - | TO-39 |
| 2N3307 | 200 | 40 | 30 | 3 | 40/250 | 2 | 300 | 1.3 | 17 | 200 | - | - | 4.5 | 200 | TO-72 |
| 2N3933 | 200 | 40 | 30 | 2.5 | 60/200 | 2 | 750 | 0.55 | 14 | 200 | - | - | 4 | 200 | TO-72 |
| 2N5181 | 200 | 45 | 30 | 3 | 27/275 | 1 | 700 | 0.4 | 15 | 200 | - | - | - | - | TO-72 |
| 2N5182 | 200 | 45 | 30 | 3 | 27/275 | 1 | 700 | 0.4 | 20 | 200 | - | - | - | - | TO-72 |
| 2N4934 | 200 | 40 | 30 | 3 | 40/170 | 2 | 700 | 0.25 | 18 | 200 | - | - | 3.5 | 200 | TO-72 |
| 2N4957 | 200 | 30 | 30 | 3 | 20/120 | 2 | 1000 | 0.8 | 17 | 450 | - | - | 3 | 450 | TO-72 |
| 2N4958 | 200 | 30 | 30 | 3 | 20/120 | 2 | 1000 | 0.8 | 16 | 450 | - | - | 3.5 | 450 | TO-72 |
| 2N4959 | 200 | 30 | 30 | 3 | 20/120 | 2 | 1000 | 0.8 | 15 | 450 | - | - | 4 | 450 | TO-72 |
| 2N5829 | 200 | 30 | 30 | 3 | 20/150 | 2 | 1200 | 0.8 | 17 | 450 | - | - | 2.5 | 450 | TO-72 |
| 2N4259 | 175 | 40 | 30 | 2.5 | 60/250 | 2 | 1000 | 0.55 | 11 | 450 | - | - | 5 | 450 | TO-72 |
| 2N4876 | 720 | 40 | 30 | 2 | 20/100 | 50 | 650 | 3.5 | 8.5 | 400 | 710 | 400 | - | - | TO-39 |
| 40235 | 200 | 45 | - | 4.5 | 40/170 | 1 | 700 | 0.65 | 20 | 216 | - | - | - | - | TO-72 |
| 40236 | 200 | 45 | - | 4.5 | 40/275 | 1 | 700 | 0.65 | - | - | - | - | - | - | TO-72 |
| 40237 | 200 | 45 | - | 4.5 | 27/275 | 1 | 700 | 0.9 | - | - | - | - | - | - | TO-72 |
| 40238 | 200 | 45 | - | 4.5 | 40/170 | 1 | 500 | 0.65 | 30 | 45 | - | - | - | - | TO-72 |
| 40239 | 200 | 45 | - | 4.5 | 27/100 | 1 | 500 | 0.65 | 30 | 45 | - | - | - | - | TO-72 |
| 40240 | 200 | 45 | - | 4.5 | 27/275 | 1 | 500 | 0.65 | 30 | 45 | - | - | - | - | TO-72 |
| 2N4935 | 200 | 50 | 40 | 3 | 60/200 | 2 | 700 | 0.5 | 21 | 200 | - | - | 3 | 200 | TO-72 |
| 2N4936 | 200 | 50 | 40 | 3 | 60/250 | 2 | 700 | 0.5 | 13 | 200 | - | - | 4.5 | 200 | TO-72 |
| 40242 | 200 | 45 | 45 | 4.5 | 40/170 | 1 | 700 | 0.8 | 25 | 100 | - | - | 2.5 | 200 | TO-72 |
| 40243 | 200 | 45 | 45 | 4.5 | 40/170 | 1 | 700 | 0.8 | 25 | 60 | - | - | 4 | 200 | TO-72 |
| 40244 | 200 | 45 | 45 | 4.5 | 27/170 | 1 | 700 | 0.8 | - | - | - | - | 4 | 200 | TO-72 |
| 40245 | 200 | 45 | 45 | 4.5 | 70/275 | 1 | 700 | 0.8 | 35 | 10.7 | - | - | 4 | 200 | TO-72 |
| 40246 | 200 | 45 | 45 | 4.5 | 27/90 | 1 | 700 | 0.8 | 35 | 10.7 | - | - | 4 | 200 | TO-72 |

NPN GENERAL PURPOSE MEDIUM SPEED AMPLIFIERS

| Type NPN | Maximum Ratings | | | | Electrical Characteristics @ 25°C | | | | | | | Case |
|----------|-----------------|-----------|-----------|-----------|-----------------------------------|-----|------------------|--------|------------|------------|-------|------|
| | Pd Ambient mW | VCB Volts | VCE Volts | VEB Volts | HFE @ IC | | VCE(Sat) @ IC/IC | | ft MHz Min | Cob pF Max | | |
| | | | | | Min/Max | mA | Volts | mA/mA | | | | |
| 2N5183 | 500 | 18 | 18 | 6 | 75/400 | 10 | 0.5 | 300/30 | 125 | 20 | TO-18 | |
| 2N332 | 150 | 45 | - | 1 | 9/20 | 1 | 1 | 5/2.2 | 6 | 30 | TO-5 | |
| 2N333 | 150 | 45 | - | 1 | 18/40 | 1 | 1 | 5/2.2 | 8 | 30 | TO-5 | |
| 2N334 | 150 | 45 | - | 1 | 18/90 | 1 | 1 | 5/2.2 | 10 | 30 | TO-5 | |
| 2N335 | 150 | 45 | - | 1 | 36/90 | 1 | 1 | 5/2.2 | 12 | 30 | TO-5 | |
| 2N336 | 150 | 45 | - | 1 | 76/333 | 1 | 1 | 5/2.2 | 13 | 30 | TO-5 | |
| 2N337 | 125 | 45 | 30 | 1 | 20/55 | 10 | 1.5 | 10/1 | 20 | 3 | TO-5 | |
| 2N338 | 125 | 45 | 30 | 1 | 45/150 | 10 | 1.5 | 10/1 | 30 | 3 | TO-5 | |
| 2N1420 | 600 | 60 | 30* | 5 | 100/300 | 150 | 1.5 | 150/15 | 50 | 35 | TO-5 | |
| 2N696 | 600 | 60 | 40* | 5 | 20/60 | 150 | 1.5 | 150/15 | 40 | 35 | TO-5 | |
| 2N697 | 600 | 60 | 40* | 5 | 40/120 | 150 | 1.5 | 150/15 | 50 | 35 | TO-5 | |
| 2N731 | 500 | 60 | 40* | 5 | 40/120 | 150 | 1.5 | 150/15 | 50 | 35 | TO-18 | |
| 2N718 | 400 | 60 | 40* | 5 | 40/120 | 150 | 1.5 | 150/15 | 50 | 35 | TO-18 | |
| 2N3241A | 500 | 30 | 25 | 7.5 | 100/300 | 10 | 0.25 | 200/20 | 100 | 20 | TO-18 | |
| 2N2195 | 800 | 45 | 25 | 5 | 20/ | 150 | 0.35 | 150/15 | 50 | 20 | TO-5 | |

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