

PRO-ELECTRON (EUROPEAN) SMALL AND MEDIUM POWER PLASTIC TRANSISTORS

| Type | Polarity | Maximum Ratings | | | | Electrical Characteristics @ 25°C | | | | | | | | Package |
|--------|----------|---------------------|--------------|--------------|--------------|-----------------------------------|-----|----------------|--------|-----------|-----------|--------|----|---------|
| | | PD Ambient mW | VCB Volts | VCE Volts | VEB Volts | HFE @ 1C | | VCE(Sat)@1C/1B | | ft MHz | Cob pf | NF @ f | | |
| | | | | | | Min/Max | mA | Volts | mA/mA | | | Max | dB | |
| BC212 | PNP | 300 | 60 | 50 | 5 | 60/300 | 2 | 0.6 | 100/5 | 200 | 10 | 10 | 1 | TO-92/5 |
| BC212L | PNP | 300 | 60 | 50 | 5 | 60/300 | 2 | 0.6 | 100/5 | 200 | 10 | 10 | 1 | TO-92/2 |
| BC213 | PNP | 300 | 45 | 30 | 5 | 80/400 | 2 | 0.6 | 100/5 | 200 | 10 | 10 | 1 | TO-92/5 |
| BC213L | PNP | 300 | 45 | 30 | 5 | 80/400 | 2 | 0.6 | 100/5 | 200 | 10 | 10 | 1 | TO-92/2 |
| BC214 | PNP | 300 | 45 | 30 | 5 | 140/900 | 2 | 0.6 | 100/5 | 200 | 10 | — | — | TO-92/5 |
| BC214L | PNP | 300 | 45 | 30 | 5 | 140/900 | 2 | 0.6 | 100/5 | 200 | 10 | — | — | TO-92/2 |
| BC237 | NPN | 300 | 50 | 45 | 6 | 125/500 | 2 | 0.6 | 100/5 | 300* | 4.5 | 10 | 1 | TO-92/5 |
| BC238 | NPN | 300 | 30 | 20 | 5 | 125/900 | 2 | 0.6 | 100/5 | 300* | 4.5 | 10 | 1 | TO-92/5 |
| BC239 | NPN | 300 | 30 | 20 | 5 | 240/900 | 2 | 0.6 | 100/5 | 300* | 4.5 | 4 | 1 | TO-92/5 |
| BC307 | PNP | 300 | 50 | 45 | 5 | 140/— | 2 | 0.25* | 100/5 | 150* | 4.5 | 10 | 1 | TO-92/5 |
| BC308 | PNP | 300 | 30 | 25 | 5 | 180/— | 2 | 0.25* | 100/5 | 150* | 4.5 | 10 | 1 | TO-92/5 |
| BC309 | PNP | 300 | 25 | 20 | 5 | 180/— | 2 | 0.25* | 100/5 | 150* | 4.5 | 4 | 1 | TO-92/5 |
| BC327 | PNP | 625 | 50Δ | 45 | 5 | 100/600 | 100 | 0.7 | 500/50 | 100* | 8* | — | — | TO-92/5 |
| BC328 | PNP | 625 | 30Δ | 25 | 5 | 100/600 | 100 | 0.7 | 500/50 | 100* | 8* | — | — | TO-92/5 |
| BC337 | NPN | 625 | 50 | 45 | 5 | 100/600 | 100 | 0.7 | 500/50 | 100* | 8* | — | — | TO-92/5 |
| BC338 | NPN | 625 | 30 | 25 | 5 | 100/600 | 100 | 0.7 | 500/50 | 100* | 8* | — | — | TO-92/5 |
| BC547 | NPN | 300 | 50 | 45 | 6 | 110/450 | 2 | 0.6 | 100/5 | 300* | 4.5* | 10 | 1 | TO-92/5 |
| BC548 | NPN | 300 | 30 | 20 | 5 | 110/800 | 2 | 0.6 | 100/5 | 300* | 4.5* | 10 | 1 | TO-92/5 |
| BC549 | NPN | 300 | 30 | 20 | 5 | 200/800 | 2 | 0.6 | 100/5 | 300* | 4.5* | 4 | 1 | TO-92/5 |

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* Typical

SMALL AND MEDIUM POWER PLASTIC TRANSISTORS

| Type | Polarity | Maximum Ratings | | | | Electrical Characteristics @ 25°C | | | | | | | | Package |
|--------|----------|---------------------|--------------|--------------|--------------|-----------------------------------|-----|------------------|--------|-----------|-----------|--------|-----|---------|
| | | PD Ambient mW | VCB Volts | VCE Volts | VEB Volts | HFE @ IC | | VCE(Sat) @ IC/IB | | ft MHz | Cob pf | NF @ f | | |
| | | | | | | Min/Max | mA | Volts | mA/mA | | | Min | Max | |
| 2N2711 | NPN | 200 | 18 | 18 | 5 | 30/90 | 2 | — | — / — | — | 12 | — | — | TO-92/2 |
| 2N2712 | NPN | 200 | 18 | 18 | 5 | 75/225 | 2 | — | — / — | — | 12 | — | — | TO-92/2 |
| 2N2713 | NPN | 360 | 18 | 18 | 5 | 30/90 | 2 | 0.3 | 50/3 | 250* | 4 | — | — | TO-92/2 |
| 2N2714 | NPN | 360 | 18 | 18 | 5 | 75/225 | 2 | 0.3 | 50/3 | 250* | 4 | — | — | TO-92/2 |
| 2N2716 | NPN | 200 | 18 | 18 | 5 | 75/225 | 2 | — | — / — | — | 4 | — | — | TO-92/2 |
| 2N2923 | NPN | 360 | 25 | 25 | 5 | 90/180 | 2 | — | — / — | 160* | 10 | — | — | TO-92/2 |
| 2N2924 | NPN | 360 | 25 | 25 | 5 | 150/300 | 3 | — | — / — | 160* | 10 | — | — | TO-92/2 |
| 2N2925 | NPN | 360 | 25 | 25 | 5 | 235/470 | 2 | — | — / — | 160* | 10 | — | — | TO-92/2 |
| 2N2926 | NPN | 200 | 25 | 25 | 5 | 35/470 | 2 | — | — / — | 120* | 12 | — | — | TO-92/2 |
| 2N3392 | NPN | 360 | 25 | 25 | 5 | 150/300 | 2 | — | — / — | 120* | 10 | — | — | TO-92/2 |
| 2N3393 | NPN | 360 | 25 | 25 | 5 | 90/180 | 2 | — | — / — | 120* | 10 | — | — | TO-92/2 |
| 2N3394 | NPN | 360 | 25 | 25 | 5 | 55/110 | 2 | — | — / — | 120* | 10 | — | — | TO-92/2 |
| 2N3395 | NPN | 360 | 25 | 25 | 5 | 150/500 | 2 | — | — / — | — | 10 | — | — | TO-92/2 |
| 2N3396 | NPN | 360 | 25 | 25 | 5 | 90/500 | 2 | — | — / — | — | 10 | — | — | TO-92/2 |
| 2N3397 | NPN | 360 | 25 | 25 | 5 | 55/500 | 2 | — | — / — | — | 10 | — | — | TO-92/2 |
| 2N3605 | NPN | 200 | 18 | 14 | 5 | 30/— | 10 | 0.25 | 10/1 | 300* | 6 | — | — | TO-92/2 |
| 2N3606 | NPN | 200 | 18 | 14 | 5 | 30/— | 10 | 0.25 | 10/1 | 300* | 6 | — | — | TO-92/2 |
| 2N3607 | NPN | 200 | 18 | 14 | 5 | 30/— | 10 | 0.25 | 10/1 | 300* | 5 | — | — | TO-92/2 |
| 2N3702 | PNP | 360 | 40 | 25 | 5 | 60/30 | 50 | 0.25 | 50/5 | 100 | 12 | — | — | TO-92/2 |
| 2N3703 | PNP | 360 | 50 | 30 | 5 | 30/150 | 50 | 0.25 | 50/5 | 100 | 12 | — | — | TO-92/2 |
| 2N3704 | NPN | 360 | 50 | 30 | 5 | 100/300 | 50 | 0.6 | 100/5 | 100 | 12 | — | — | TO-92/2 |
| 2N3705 | NPN | 360 | 50 | 30 | 5 | 50/150 | 50 | 0.8 | 100/5 | 100 | 12 | — | — | TO-92/2 |
| 2N3706 | NPN | 360 | 40 | 20 | 5 | 30/600 | 50 | 1.0 | 100/5 | 100 | 12 | — | — | TO-92/2 |
| 2N3707 | NPN | 250 | 30 | 30 | 6 | 100/400 | 0.1 | 1.0 | 10/0.5 | — | — | — | — | TO-92/2 |
| 2N3708 | NPN | 250 | 30 | 30 | 6 | 45/660 | 1 | 1.0 | 10/0.5 | — | — | — | — | TO-92/2 |
| 2N3709 | NPN | 250 | 30 | 30 | 6 | 45/165 | 1 | 1.0 | 10/0.5 | — | — | — | — | TO-92/2 |
| 2N3710 | NPN | 250 | 30 | 30 | 6 | 90/330 | 1 | 1.0 | 10/0.5 | — | — | — | — | TO-92/2 |
| 2N3711 | NPN | 250 | 30 | 30 | 6 | 180/660 | 1 | 1.0 | 10/0.5 | — | — | — | — | TO-92/2 |

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