

# Power Darlington Modules

T-33-29



查询"1DI200D100"供应商

## 200, 300 AND 500 VOLTS

| Device Type | V <sub>ceo</sub> Volts | V <sub>ce0</sub> Volts | V <sub>ce0</sub> (sus) Volts | I <sub>c</sub> cont. Amps | P <sub>c</sub> Watts (per xstr) | h <sub>FE</sub> @ min | I <sub>c</sub> Amps. | V <sub>CE</sub> Volts | Switching time (max.) |                      |                      | Package |
|-------------|------------------------|------------------------|------------------------------|---------------------------|---------------------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|----------------------|---------|
|             |                        |                        |                              |                           |                                 |                       |                      |                       | t <sub>on</sub> μsec. | t <sub>s</sub> μsec. | t <sub>f</sub> μsec. |         |

### SINGLE DARLINGTON MODULES (ISOLATED)

|             |     |     |     |     |      |     |     |   |   |    |     |      |
|-------------|-----|-----|-----|-----|------|-----|-----|---|---|----|-----|------|
| ETG81-050   | 600 | 600 | 450 | 30  | 200  | 100 | 30  | 5 | 3 | 12 | 3   | M102 |
| ETK81-050   | 600 | 600 | 450 | 50  | 300  | 100 | 50  | 5 | 3 | 12 | 4   | M102 |
| ETK85-050   | 600 | 600 | 450 | 75  | 350  | 70  | 75  | 5 | 2 | 10 | 2.5 | M102 |
| ETL81-050   | 600 | 600 | 500 | 100 | 600  | 100 | 100 | 5 | 3 | 10 | 3   | M103 |
| ETN81-055   | 600 | 600 | 550 | 200 | 1000 | 70  | 200 | 5 | 2 | 12 | 3   | M104 |
| 1DI240A-055 | 600 | 600 | 550 | 240 | 1000 | 70  | 240 | 5 | 2 | 12 | 3   | M104 |
| ETN85-050   | 600 | 600 | 450 | 300 | 1200 | 70  | 300 | 5 | 2 | 12 | 2.5 | M104 |
| 1DI480A-055 | 600 | 600 | 550 | 480 | 2000 | 70  | 480 | 5 | 2 | 12 | 3   | M105 |
| 1DI500A-030 | 400 | 400 | 300 | 500 | 2000 | 500 | 500 | 2 | 2 | 12 | 4   | M105 |

### DUAL DARLINGTON MODULES (ISOLATED)

|             |     |     |     |     |      |     |     |   |   |    |     |      |
|-------------|-----|-----|-----|-----|------|-----|-----|---|---|----|-----|------|
| EVG31-050   | 600 | 600 | 450 | 30  | 200  | 100 | 30  | 5 | 3 | 12 | 4   | M201 |
| 2DI30D-050  | 600 | 600 | 450 | 30  | 250  | 100 | 30  | 5 | 3 | 12 | 4   | M208 |
| EVK31-050   | 600 | 600 | 450 | 50  | 300  | 100 | 50  | 5 | 3 | 12 | 4   | M201 |
| 2DI50D-050  | 600 | 600 | 450 | 50  | 310  | 100 | 50  | 5 | 3 | 12 | 4   | M208 |
| 2DI50D-055A | 600 | 600 | 550 | 50  | 300  | 70  | 50  | 5 | 2 | 12 | 4   | M208 |
| EVK71-050   | 600 | 600 | 450 | 75  | 350  | 70  | 75  | 5 | 2 | 10 | 2.5 | M202 |
| 2DI75S-050A | 600 | 600 | 450 | 75  | 350  | 100 | 75  | 5 | 2 | 10 | 2.5 | M202 |
| EVK75-050   | 600 | 600 | 450 | 75  | 350  | 70  | 75  | 5 | 2 | 10 | 2.5 | M201 |
| 2DI75D-050  | 600 | 600 | 450 | 75  | 350  | 100 | 75  | 5 | 3 | 12 | 4   | M208 |
| 2DI75D-055A | 600 | 600 | 550 | 75  | 350  | 70  | 75  | 5 | 3 | 12 | 4   | M208 |
| EVK71-055   | 600 | 600 | 550 | 75  | 350  | 70  | 75  | 5 | 2 | 12 | 3   | M202 |
| EVL31-050   | 600 | 600 | 450 | 100 | 500  | 100 | 100 | 5 | 3 | 12 | 4   | M203 |
| 2DI100D-050 | 600 | 600 | 450 | 100 | 620  | 100 | 100 | 5 | 3 | 12 | 4   | M205 |
| EVL31-055   | 600 | 600 | 550 | 100 | 500  | 70  | 100 | 5 | 2 | 12 | 3   | M203 |
| EVL32-055   | 600 | 600 | 550 | 120 | 500  | 70  | 120 | 5 | 2 | 12 | 3   | M203 |
| EVM31-050A  | 600 | 600 | 500 | 150 | 600  | 70  | 150 | 5 | 2 | 10 | 2.5 | M203 |
| 2DI150D-050 | 600 | 600 | 450 | 150 | 690  | 100 | 150 | 5 | 3 | 12 | 4   | M205 |
| 2DI200A-020 | 300 | 300 | 250 | 200 | 500  | 100 | 200 | 5 | 2 | 12 | 3   | M203 |
| 2DI200A-050 | 600 | 600 | 450 | 200 | 900  | 80  | 200 | 5 | 2 | 12 | 3   | M207 |
| 2DI240A-055 | 600 | 600 | 550 | 240 | 1000 | 70  | 240 | 5 | 2 | 12 | 3   | M207 |
| 2DI300A-050 | 600 | 600 | 450 | 300 | 1200 | 70  | 300 | 5 | 2 | 12 | 2.5 | M207 |

### SINGLE DARLINGTONS AND TRANSISTORS (NON-ISOLATED)

|            |      |      |      |     |      |     |     |   |   |    |     |         |
|------------|------|------|------|-----|------|-----|-----|---|---|----|-----|---------|
| ET188      | 400  | 400  | 300  | 100 | 600  | 200 | 100 | 5 | 2 | 12 | 3   | BBT II  |
| ET127-450V | 600  | 600  | 450  | 100 | 960  | 100 | 100 | 5 | 4 | 10 | 3   | BBT     |
| ET127-520V | 600  | 600  | 520  | 100 | 960  | 100 | 100 | 5 | 4 | 10 | 3   | BBT     |
| 1D500A-030 | 400  | 400  | 300  | 500 | 2500 | 500 | 500 | 2 | 2 | 12 | 4   | BBT IV  |
| 1D200A-020 | 300  | 300  | 200  | 200 | 800  | 100 | 200 | 5 | 2 | 12 | 3   | BBT II  |
| ETN01-055  | 600  | 600  | 550  | 200 | 1500 | 8   | 120 | 5 | 2 | 8  | 2   | BBT III |
| ETN31-055  | 600  | 600  | 550  | 200 | 1500 | 70  | 200 | 5 | 2 | 12 | 3   | BBT III |
| ETM36-030  | 400  | 400  | 320  | 200 | 1000 | 150 | 200 | 5 | 2 | 10 | 1.2 | BBT III |
| ETN35-030  | 400  | 400  | 300  | 300 | 1500 | 100 | 300 | 5 | 2 | 12 | 1.2 | BBT III |
| ETN36-030  | 400  | 400  | 320  | 300 | 1500 | 150 | 300 | 5 | 2 | 10 | 1.2 | BBT III |
| ETI257     | 1000 | 1000 | 1000 | 200 | 1500 | 4   | 120 | 5 | - | -  | -   | BBT III |

## 1000 VOLTS

| Device Type | V <sub>ceo</sub> Volts | V <sub>ce0</sub> Volts | V <sub>ce0</sub> (sus) Volts | I <sub>c</sub> cont. Amps | P <sub>c</sub> Watts (per xstr) | h <sub>FE</sub> @ min | I <sub>c</sub> Amps. | V <sub>CE</sub> Volts | Switching time (max.) |                      |                      | Package |
|-------------|------------------------|------------------------|------------------------------|---------------------------|---------------------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|----------------------|---------|
|             |                        |                        |                              |                           |                                 |                       |                      |                       | t <sub>on</sub> μsec. | t <sub>s</sub> μsec. | t <sub>f</sub> μsec. |         |

### SINGLE DARLINGTON MODULES (ISOLATED)

|             |      |      |      |     |      |     |     |   |     |    |   |      |
|-------------|------|------|------|-----|------|-----|-----|---|-----|----|---|------|
| 1DI200D-100 | 1000 | 1000 | 1000 | 200 | 1600 | 100 | 200 | 5 | 2.5 | 15 | 3 | M105 |
| 1DI300D-100 | 1000 | 1000 | 1000 | 300 | 2000 | 100 | 300 | 5 | 2.5 | 15 | 3 | M105 |
| 1DI400D-100 | 1000 | 1000 | 1000 | 400 | 2400 | 70  | 400 | 5 | 2.5 | 15 | 3 | M105 |

### DUAL DARLINGTON MODULES (ISOLATED)

|             |      |      |      |     |      |     |     |   |     |    |   |      |
|-------------|------|------|------|-----|------|-----|-----|---|-----|----|---|------|
| EV1277      | 1000 | 1000 | 1000 | 30  | 300  | 100 | 30  | 5 | 3   | 12 | 2 | M202 |
| 2DI30D-100  | 1000 | 1000 | 1000 | 30  | 300  | 100 | 30  | 5 | 2.5 | 15 | 3 | M204 |
| EV1234      | 1000 | 1000 | 1000 | 50  | 500  | 100 | 50  | 5 | 3   | 15 | 2 | M203 |
| 2DI50D-100  | 1000 | 1000 | 1000 | 50  | 400  | 100 | 50  | 5 | 2.5 | 15 | 3 | M204 |
| 2DI75D-100  | 1000 | 1000 | 1000 | 75  | 500  | 100 | 75  | 5 | 2.5 | 15 | 3 | M206 |
| EV1255      | 1000 | 1000 | 1000 | 100 | 800  | 200 | 100 | 5 | 3   | 15 | 2 | M203 |
| 2DI100D-100 | 1000 | 1000 | 1000 | 100 | 800  | 100 | 100 | 5 | 2.5 | 15 | 3 | M207 |
| 2DI150D-100 | 1000 | 1000 | 1000 | 150 | 1000 | 100 | 150 | 5 | 2.5 | 15 | 3 | M207 |
| 2DI200D-100 | 1000 | 1000 | 1000 | 200 | 1200 | 100 | 200 | 5 | 2.5 | 15 | 3 | M207 |

### 1000 VOLT "Z" MODULES, HIGH SPEED, EXTRA RUGGED

#### SINGLE DARLINGTON MODULES (ISOLATED) 1000V

|             |      |      |      |     |      |     |     |   |     |      |     |      |
|-------------|------|------|------|-----|------|-----|-----|---|-----|------|-----|------|
| 1DI200Z-100 | 1000 | 1000 | 1000 | 200 | 1400 | 100 | 200 | 5 | 2.5 | 12.0 | 2.0 | M106 |
| 1DI300Z-100 | 1000 | 1000 | 1000 | 300 | 2000 | 100 | 300 | 5 | 2.5 | 12.0 | 2.0 | M106 |



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