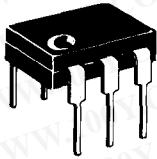


OPTOELECTRONICS — COUPLERS/ISOLATORS

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
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[Http://www.100y.com.tw](http://www.100y.com.tw)

(continued)



CASE 730A-01

| | |
|--------------|--------------|
| Style 1: | Style 3: |
| Pin 1. Anode | Pin 1. Anode |
| 2. Cathode | 2. Cathode |
| 3. NC | 3. NC |
| 4. Emitter | 4. Emitter |
| 5. Collector | 5. Collector |
| 6. Base | 6. NC |

Transistor Output with No Base Connection — Style 3

| Device | Current Transfer Ratio (CTR) | | | V _{ISO} Volts ac Peak | | V _{CE(sat)} | | | t _r , t _f , t _{on} , t _{off} Typ | | | | | V _{(BR)CEO} Volts | V _F | |
|---------|------------------------------|---------------------|-----------------------|--------------------------------|----------|-------------------------------|-------------------|-------------------|--|-----------------------|------------------|-------------------|-----|-------------------------------|-------------------|--|
| | % Min | @ I _F mA | V _{CE} Volts | Industry | Motorola | Volts Max @ I _F mA | I _C mA | I _C mA | μs @ I _C mA | V _{CC} Volts | R _L Ω | I _F mA | Min | Volts Max @ I _F mA | I _F mA | |
| TIL118 | 10 | 10 | 5.0 | 1500 | 7500 | 0.5 | 50 | 2.0 | 2.0 | 2.0 | 10 | 100 | 20 | 1.5 | 10 | |
| MOC8111 | 20 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 20*m | 2.0* | 10* | 100* | 30 | 1.5 | 10 | |
| MOC8112 | 50 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 20*m | 2.0* | 10* | 100* | 30 | 1.5 | 10 | |
| MOC8113 | 100 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 20*m | 2.0* | 10* | 100* | 30 | 1.5 | 10 | |

Darlington Output — Style 1

| | | | | | | | | | | | | | | | | |
|---------|-----|-----|-----|---------|------|-----|-----|-----|-----------|-----|-----|------|------|-----|-----|----|
| 4N31 | 50 | 10 | 10 | 1500 | 7500 | 1.2 | 8.0 | 2.0 | 2*/25* | 50* | 10* | | 200* | 30 | 1.5 | 10 |
| 4N29,A | 100 | 10 | 10 | 2500 | 7500 | 1.0 | 8.0 | 2.0 | 2*/25* | 50* | 10* | | 200* | 30 | 1.5 | 10 |
| 4N30 | 100 | 10 | 10 | 1500 | 7500 | 1.0 | 8.0 | 2.0 | 2*/25* | 50* | 10* | | 200* | 30 | 1.5 | 10 |
| H11B3 | 100 | 1.0 | 5.0 | 2500 | 7500 | 1.0 | 1.0 | 1.0 | 125*/100* | 10* | 10* | 100* | 25 | 1.5 | 50 | |
| H11B255 | 100 | 10 | 5.0 | 1500 | 7500 | 1.0 | 50 | 50 | 125*/100* | 10* | 10* | 100* | 55 | 1.5 | 20 | |
| MCA230 | 100 | 10 | 5.0 | 4000(D) | 7500 | 1.0 | 50 | 50 | 10/35 | | 10 | 100 | 50 | 30 | 1.5 | 20 |
| MCA255 | 100 | 10 | 5.0 | 4000(D) | 7500 | 1.0 | 50 | 50 | 10/35 | | 10 | 100 | 50 | 55 | 1.5 | 20 |
| H11B2 | 200 | 1.0 | 5.0 | 2500 | 7500 | 1.0 | 1.0 | 1.0 | 125*/100* | 10* | 10* | 100* | 25 | 1.5 | 10 | |
| MCA231 | 200 | 1.0 | 1.0 | 4000(D) | 7500 | 1.2 | 10 | 50 | 80 | 10 | 10 | 100 | 30 | 1.5 | 20 | |
| TIL113 | 300 | 10 | 1.0 | 1500 | 7500 | 1.0 | 50 | 125 | 300 | 125 | 15 | 100 | 30 | 1.5 | 10 | |
| TIL127 | 300 | 10 | 1.0 | 5000 | 7500 | 1.0 | 50 | 125 | 300 | 125 | 15 | 100 | 30 | 1.5 | 10 | |
| TIL156 | 300 | 10 | 1.0 | 3535 | 7500 | 1.0 | 50 | 125 | 300 | 125 | 15 | 100 | 30 | 1.5 | 10 | |
| 4N32,A | 500 | 10 | 10 | 2500 | 7500 | 1.0 | 8.0 | 2.0 | 2*/60* | 50* | 10* | | 200* | 30 | 1.5 | 10 |
| 4N33 | 500 | 10 | 10 | 1500 | 7500 | 1.0 | 8.0 | 2.0 | 2*/60* | 50* | 10* | | 200* | 30 | 1.5 | 10 |
| H11B1 | 500 | 1.0 | 5.0 | 2500 | 7500 | 1.0 | 1.0 | 1.0 | 125*/100* | 10* | 10* | 100* | 25 | 1.5 | 10 | |

Darlington Output with No Base Connection — Style 3

| | | | | | | | | | | | | | | | | |
|---------|------|----|-----|------|------|-----|----|----|---------|-----|------|-----|----|-----|-----|----|
| MOC119 | 300 | 10 | 2.0 | | 7500 | 1.0 | 10 | 10 | 10/50 | 2.5 | 10 | 100 | | 30 | 1.5 | 10 |
| TIL119 | 300 | 10 | 2.0 | 1500 | 7500 | 1.0 | 10 | 10 | 300 | 2.5 | 10 | 100 | | 30 | 1.5 | 10 |
| TIL128 | 300 | 10 | 2.0 | 5000 | 7500 | 1.0 | 10 | 10 | 300 | 2.5 | 10 | 100 | | 30 | 1.5 | 10 |
| TIL157 | 300 | 10 | 2.0 | 3535 | 7500 | 1.0 | 10 | 10 | 300 | 2.5 | 10 | 100 | | 30 | 1.5 | 10 |
| MOC8030 | 300 | 10 | 1.5 | | 7500 | | | | 13*/60* | 50* | 100* | 10* | 80 | 2.0 | 10 | |
| MOC8020 | 500 | 10 | 5.0 | | 7500 | | | | 13*/60* | 50* | 100* | 10* | 50 | 2.0 | 10 | |
| MOC8050 | 500 | 10 | 1.5 | | 7500 | | | | 13*/60* | 50* | 100* | 10* | 80 | 2.0 | 10 | |
| MOC8021 | 1000 | 10 | 5.0 | | 7500 | | | | 13*/60* | 50* | 100* | 10* | 50 | 2.0 | 10 | |

Resistor-Darlington Output — Style 1

| | | | | | | | | | | | | | | | | |
|-------|------|-----|-----|------|------|-----|-----|-----|---------|--|-----|-----|----|-----|-----|----|
| H11G1 | 1000 | 10 | 1.0 | 3535 | 7500 | 1.0 | 1.0 | 1.0 | 5.0/100 | | 5.0 | 100 | 10 | 100 | 1.5 | 10 |
| H11G2 | 1000 | 10 | 1.0 | 3535 | 7500 | 1.0 | 1.0 | 1.0 | 5.0/100 | | 5.0 | 100 | 10 | 80 | 1.5 | 10 |
| H11G3 | 200 | 1.0 | 5.0 | 2125 | 7500 | 1.2 | 50 | 20 | 5.0/100 | | 5.0 | 100 | 10 | 55 | 1.5 | 10 |

High Voltage Transistor Output — Style 1

| | | | | | | | | | | | | | | | | |
|---------|--------|----|----|---------|------|-----|----|-----|-----------|------|------|------|----|-----|-----|----|
| MOC8204 | 20 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 400 | 1.5 | 10 |
| MOC8205 | 10 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 400 | 1.5 | 10 |
| MOC8206 | 5.0 | 10 | 10 | | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 400 | 1.5 | 10 |
| H11D1 | 20 | 10 | 10 | 3500 | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 300 | 1.5 | 10 |
| H11D2 | 20 | 10 | 10 | 2500 | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 300 | 1.5 | 10 |
| H11D3 | 20 | 10 | 10 | 2500 | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 200 | 1.5 | 10 |
| H11D4 | 10 | 10 | 10 | 2500 | 7500 | 0.4 | 10 | 0.5 | 5.0* | 2.0* | 10* | 100* | | 200 | 1.5 | 10 |
| 4N38 | 10 | 10 | 10 | 1500 | 7500 | 1.0 | 20 | 4.0 | 0.8/7.0 | 10 | 10 | | 80 | 1.5 | 10 | |
| 4N38A | 10 | 10 | 10 | 2500 | 7500 | 1.0 | 20 | 4.0 | 0.8/7.0 | 10 | 10 | | 80 | 1.5 | 10 | |
| MCT275 | 70-210 | 10 | 10 | 3000(R) | 7500 | 0.4 | 16 | 2.0 | 4.5*/3.5* | 2.0* | 5.0* | 100* | | 80 | 1.5 | 20 |

(R) = RMS (D) = DC *t_{on}, t_{off}

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