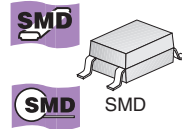
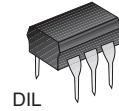


OPTO-ISOLATORS

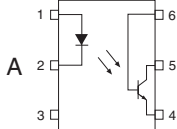


TRANSISTOR OUTPUT

DIL PACKAGE

| Manf. Part No. & Anglia Order Code | Manufacturer | Channels | min. | C.T.R. typ. | max. | Isol. Volt. min. | Package | Pin Out | Approvals | Packaging |
|--|-------------------|----------|---|---------------------------------------|--|--|---------|---------|--|-----------|
| CNY17-2 CNY17-3 | Vishay-Telefunken | 1 ch. | 63% 100% | — | 125% 200% | 3750V _{RMS} 3750V _{RMS} | 6 pin | A | 1, 2 1, 2 | Tube |
| 4N25 4N26 4N35 4N36 TLP535(CNY17-3) TLP535(CNY17-4) TLP733 | Toshiba | 1 ch. | 20% 20% 100% 100% 100% 160% 50% | 100% 100% — — — — — | — — — — 200% 300% 600% | 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 4000V _{RMS} | 6 pin | A | 1 1 1 1 — — 1, 2, 3, 4 | Tube |

PIN OUT



APPROVALS



TRANSISTOR OUTPUT, no base connection

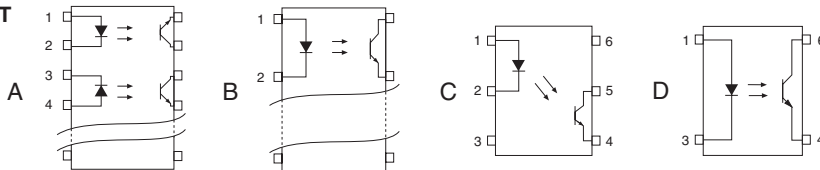
DIL PACKAGE

| Manf. Part No. & Anglia Order Code | Manufacturer | Channels | min. | C.T.R. typ. | max. | Isol. Volt. min. | Package | Pin Out | Approvals | Packaging |
|--|-------------------|---|--|--|--|--|--|--|---|-----------|
| CNY74/2H CNY74/4H | Vishay-Telefunken | 2 ch. 4 ch. | — | — | — | 5000V _{RMS} 5000V _{RMS} | 8 pin 16 pin | — | 1, 2 1, 2 | Tube |
| TLP504A TLP504A-2 TLP521-1A TLP521-1(GB) TLP521-1(Y) TLP521-2A TLP521-2(GB) TLP521-4A TLP521-4(GB) TLP532-A TLP621 TLP621(GB) TLP621-2 TLP621-2(GB) TLP621-4 TLP621-4(GB) TLP621-LF2 TLP624 TLP624-2 TLP734 | Toshiba | 2 ch. 4 ch. 1 ch. 1 ch. 1 ch. 2 ch. 2 ch. 4 ch. 4 ch. 1 ch. 1 ch. 1 ch. 2 ch. 2 ch. 4 ch. 4 ch. 1 ch. 1 ch. 1 ch. 2 ch. 1 ch. | 50% 50% 50% 100% 50% 50% 100% 50% 100% 50% 50% 100% 50% 100% 50% 100% 100% 50% 100% 100% 50% | — | 600% 600% 600% 600% 150% 600% 600% 600% 600% 2500V _{RMS} 600% 600% 600% 600% 600% 600% 600% 600% 600% 1200% 1200% 600% | 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 2500V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 5000V _{RMS} 4000V _{RMS} | 8 pin 16 pin 4 pin 4 pin 4 pin 8 pin 8 pin 16 pin 16 pin 6 pin 4 pin 4 pin 8 pin 8 pin 16 pin 16 pin 4 pin 4 pin 4 pin 8 pin 6 pin | A A B B B B B B B C B B B B B B B B B B B C | 1 1 1 1 1 1 1 1 1 1 1, 3 1, 3 1, 3 1, 3 1, 3 1, 3 1, 3 1, 3 1 1, 3 1, 3 1, 2, 3, 4 | Tube |

SMD PACKAGE

| | | | | | | | | | | |
|---|---------|-------|--|---|---|----------------------|-------|---|---|--|
| TLP124 TLP181 TLP181(TPL) TLP181(GB) TLP181(GB-TPL) TLP181(GR) TLP181(GR-TPL) | Toshiba | 1 ch. | 100% 50% 50% 100% 100% 100% | — | 1200% 600% 600% 600% 300% 300% | 3750V _{RMS} | 4 pin | D | 1 | Stick Stick Reel Stick Reel Stick Reel |
|---|---------|-------|--|---|---|----------------------|-------|---|---|--|

PIN OUT



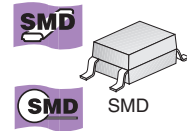
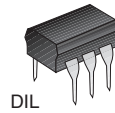
APPROVALS



* 0.4" pitch between rows

OPTO-ISOLATORS continued overleaf > > >

OPTO-ISOLATORS *continued*



TRANSISTOR OUTPUT, no base connection, AC input

| DIL PACKAGE | | | | | | | | | | |
|------------------------------------|--------------|----------|--------|-------------|------|----------------------|---------|---------|-----------|------------|
| Manf. Part No. & Anglia Order Code | Manufacturer | Channels | min. | C.T.R. typ. | max. | Isol. Volt. min. | Package | Pin Out | Approvals | Packaging |
| TLP620 | Toshiba | 1 ch. | 50% | - | 600% | 5000V _{RMS} | 4 pin | A | 1 | Tube |
| TLP620(GB) | | 1 ch. | 100% | | | | 4 pin | | | |
| TLP620-2 | | 2 ch. | 50% | | | | 8 pin | | | |
| TLP620-2(GB) | | 2 ch. | 100% | | | | 8 pin | | | |
| TLP620-4 | | 4 ch. | 50% | | | | 16 pin | | | |
| TLP620-4(GB) | 4 ch. | 100% | 16 pin | | | | | | | |
| SMD PACKAGE | | | | | | | | | | |
| TLP120 | Toshiba | 1 ch. | 50% | - | 600% | 3750V _{RMS} | 4 pin | B | 1 | Stick Reel |
| TLP120(TPL) | | | | | | | | | | |
| PIN OUT | | | | | | APPROVALS | | | | |
| | | | | | | | | | | |

DARLINGTON OUTPUT

| DIL PACKAGE | | | | | | | | | | |
|------------------------------------|--------------|----------|-------|-------------|------|----------------------|---------|------------------|-----------|------------|
| Manf. Part No. & Anglia Order Code | Manufacturer | Channels | min. | C.T.R. typ. | max. | Isol. Volt. min. | Package | Pin Out | Approvals | Packaging |
| 4N29 | Toshiba | 1 ch. | 100% | - | - | 2500V _{RMS} | 6 pin | A | 1 | Tube |
| 4N32 | | 1 ch. | 500% | - | | 2500V _{RMS} | 6 pin | A | 1 | |
| TLP523 | | 1 ch. | 500% | 2000% | | 2500V _{RMS} | 4 pin | B | 1 | |
| TLP523-2 | | 2 ch. | 500% | 2000% | | 2500V _{RMS} | 8 pin | B | 1 | |
| TLP523-4 | | 4 ch. | 500% | 2000% | | 2500V _{RMS} | 16 pin | B | 1 | |
| TLP627 | | 1 ch. | 1000% | 4000% | | 5000V _{RMS} | 4 pin | B | 1, 2 | |
| TLP627-2 | | 2 ch. | 1000% | 4000% | | 5000V _{RMS} | 8 pin | B | 1, 2 | |
| TLP627-4 | | 4 ch. | 1000% | 4000% | | 5000V _{RMS} | 16 pin | B | 1, 2 | |
| SMD PACKAGE | | | | | | | | | | |
| TLP127 | Toshiba | 1 ch. | 1000% | 4000% | - | 2500V _{RMS} | 4 pin | C | 1 | Stick Reel |
| TLP127(TPL) | | 1 ch. | | | | | 4 pin | | | |
| PIN OUT | | | | | | | | APPROVALS | | |
| | | | | | | | | | | |

THYRISTOR OUTPUT

| DIL PACKAGE | | | | | | | | | | |
|------------------------------------|--------------|----------|------------------|----------------------|----------------------|------------------|---------|-----------|-----------|--|
| Manf. Part No. & Anglia Order Code | Manufacturer | Channels | V _{DRM} | I _{FT} max. | Isol. Volt. min. | Package | Pin Out | Approvals | Packaging | |
| TLP741G | Toshiba | 1 ch. | 400V | 10mA | 4000V _{RMS} | 6 pin | A | 1 | Tube | |
| SMD PACKAGE | | | | | | | | | | |
| TLP141G | Toshiba | 1 ch. | 400V | 10mA | 2500V _{RMS} | 5 pin | B | 1 | Stick | |
| PIN OUT | | | | | | APPROVALS | | | | |
| | | | | | | | | | | |