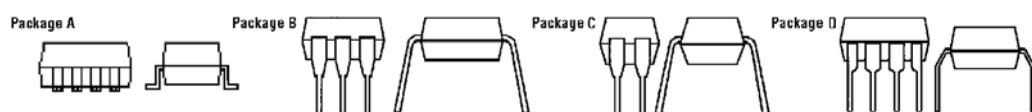


Optoelectronic Components



All optoisolators are UL recognized under file number E90700 and are also available with VDE approval to specification 0884/6.60 certificate number 35025. (-M) white package, formerly Motorola.

High Performance Surface Mount - Transistor Output - NEW

Table with columns: Mfr.'s Type, Current Transfer Ratio (CTR), Vce, IRL/PLH, Package. Rows include HCPL-0500 and HCPL-0501.

High Performance Surface Mount - Darlington Output - NEW

Table with columns: Mfr.'s Type, Current Transfer Ratio (CTR), Vce, IRL/PLH, Package. Rows include HCPL-0700 and HCPL-0701.

*Pinout: 1 - N.C., 2 - Anode, 3 - Cathode, 4 - N.C., 5 - Ground, 6 - Vc, 7 - Vb, 8 - Vcc.

High Performance Surface Mount - Logic Output - NEW

Table with columns: Mfr.'s Type, Current Transfer Ratio (CTR), Vce, IRL/PLH, Package. Row includes HCPL-0600.

*Pinout: 1 - N.C., 2 - Anode, 3 - Cathode, 4 - N.C., 5 - Ground, 6 - Vc, 7 - Vb, 8 - Vcc. †Sinking.

Phototransistor Output

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Lists numerous part numbers like 4N25, 4N26, etc.

High-Voltage Phototransistor Output

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Rows include H11D1, H11D2, H11D3.

Photodarlington Output

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Rows include 4N29, 4N30, etc.

High-Voltage Photodarlington Output

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Rows include H11G1, H11G2, H11G3.

BC Input Isolators

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Rows include H11AA1, H11AA4, etc.

*No base connection. †Low input current version. CTR tested at If = 1 mA.

Dual Optocouplers

Table with columns: Mfr.'s Type, Isolation Voltage, Output, Typical Data Rate, Package. Rows include MCT6 and MCT62.

Dual-Channel Phototransistor Output

Table with columns: Mfr.'s Type, Isolation Voltage, Current Transfer Ratio, BVceo, Typical tr, Package. Rows include MOC207-M, MOC213-M, MOC217*.

Dual-Channel Photodarlington Output

Table with columns: Mfr.'s Type, Isolation Voltage, Output, Typical Data Rate, Package. Row includes MOC223-M.

*Low input current version. CTR tested at If = 1 mA.

Schmitt Trigger Output Optocouplers

Table with columns: Mfr.'s Type, Isolation Voltage, Turn On Current, Hysteresis, Output Voltage, Operating Voltage, Package. Rows include H11L1-M, H11L3-M, H11N1-M.

*If = Icm max.

High Speed Optocouplers

Isolation voltage Vio RMS minimum = 2.5 kV.

Table with columns: Mfr.'s Type, Input, Output, Typical Data Rate, Package. Lists various high-speed optocoupler models.

Bilateral Analog Fet Optocouplers

Table with columns: Mfr.'s Type, Isolation Voltage, On-State Resistance, Off-State Resistance, Breakdown Voltage, Package. Rows include H11F1, H11F3.

Triac Driver Output Optocouplers

Table with columns: Mfr.'s Type, Isolation Voltage, If Trigger Max., Blocking Voltage, Typical dv/dt, Package. Lists numerous triac driver optocoupler models.

*Zero-Crossing Triac Driver Outputs.

Photo SCR Output Optocouplers

Table with columns: Mfr.'s Type, Isolation Voltage, If Trigger (Max.), Io 100 (°C), Blocking Voltage, Package. Rows include H11C1, H11C3, H11C4.