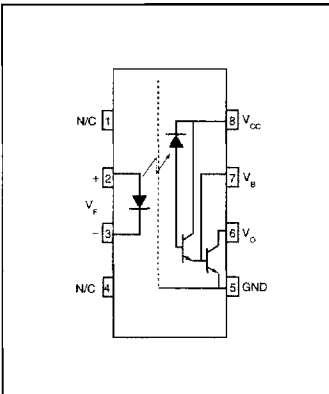


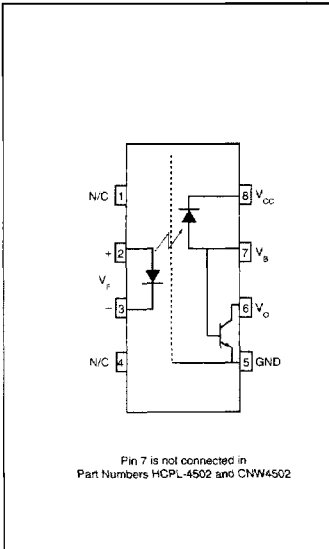
High Voltage Photodarlington Output: GaAs Input (w/integral base-emitter resistor)

Part Number	CTR @ 10 mA I _F (%)		BV _{CEO} (V)	BV _{CBO} (V)	V _{CE (sat)} (V)	t _{ON} /t _{OFF} (μs)	V _{ISO} AC[RMS]	Pkg dwg	Agency Approvals (see pg 23)
	min	max	min	min	max	max			
H11G1	1000	—	100	100	1.0	—	5.3 kV	E	A, B, D, F, N, S, U
H11G1.300	1000	—	100	100	1.0	—	5.3 kV	E	A, B, D, F, N, S, U, V
H11G2	1000	—	80	80	1.0	—	5.3 kV	E	A, B, D, F, N, S, U
H11G2.300	1000	—	80	80	1.0	—	5.3 kV	E	A, B, D, F, N, S, U, V
H11G3	200	—	55	55	1.2	—	5.3 kV	E	A, B, D, F, N, S, U
H11G3.300	200	—	55	55	1.2	—	5.3 kV	E	A, B, D, F, N, S, U, V
H11G45	200	—	55	—	1.2	50/500	5.3 kV	E	A, B, D, F, N, S, U
H11G45.300	200	—	55	—	1.2	50/500	5.3 kV	E	A, B, D, F, N, S, U, V
H11G46	200	—	55	—	1.2	50/500	5.3 kV	E	A, B, D, F, N, S, U
H11G46.300	200	—	55	—	1.2	50/500	5.3 kV	E	A, B, D, F, N, S, U, V



High Gain Split Darlington Output: GaAsP Input

Part Number	I _F (mA)	V _{OL} (V) max	V _{CC} (V) max	CM _L /M _L (kV/μS) min	I _{OH} (μA) max	t _{PHL} /t _{PLH} (μs) max	V _{ISO} AC[RMS]	Pkg dwg	Agency Approvals (see pg 23)
6N139	0.5	0.4	18	+1/-1	100	1/7	2.5 kV	D	A, U
CNW138	1.6	0.4	7	+0.5/-0.5	250	10/35	5.0 kV	B	A, B, D, F, N, S, U
CNW138.300	1.6	0.4	7	+0.5/-0.5	250	10/35	5.0 kV	B	A, B, D, F, N, S, U, V
CNW139	0.5	0.4	18	+0.5/-0.5	100	1/7	5.0 kV	B	A, B, D, F, N, S, U
CNW139.300	0.5	0.4	18	+0.5/-0.5	100	1/7	5.0 kV	B	A, B, D, F, N, S, U, V



1 Mbit/s High-Speed Transistor Output: GaAsP Input

Part Number	I _F (mA) max	V _{OL} (V) max	V _{CC} (V) max	I _{OH} (μA) max	I _{CCL} (μA) max	t _{PLH} /t _{PHL} (μs) max	V _{ISO} AC[RMS]	Pkg dwg	Agency Approvals (see pg 23)
6N136	16	0.4	15	0.5	40	0.8/0.8	2.5 kV	D	A, U
CNW135	16	0.4	30	0.5	200	1.5/1.5	5.0 kV	B	A, B, D, F, N, S, U
CNW135.300	16	0.4	30	0.5	200	1.5/1.5	5.0 kV	B	A, B, D, F, N, S, U, V
CNW136	16	0.4	30	0.5	200	0.8/0.8	5.0 kV	B	A, B, D, F, N, S, U
CNW136.300	16	0.4	30	0.5	200	0.8/0.8	5.0 kV	B	A, B, D, F, N, S, U, V
CNW4502	16	0.4	30	0.5	200	0.8/0.8	5.0 kV	B	A, B, D, F, N, S, U
CNW4502.300	16	0.4	30	0.5	200	0.8/0.8	5.0 kV	B	A, B, D, F, N, S, U, V
HCPL-2503	16	0.4	15	0.5	40	0.8/0.8	2.5 kV	D	A, U
HCPL-4502	16	0.4	15	0.5	40	0.8/0.8	2.5 kV	D	A, U

Notes

A complete list of agencies appears on page 23.
Optocoupler Package outlines appear on pages 24, 25, and 26.