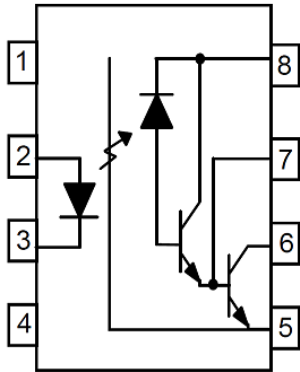


# High Speed Split Darlington Output

## Single Channel

Part Number	Features	Isolation Voltage  Min (KV <sub>RMS</sub> )	Continuous Forward Current  Max (mA)	V <sub>CC</sub>  Max (V)	V <sub>O</sub>  Max (V)	Current Transfer Ratio	t <sub>PLH</sub>	t <sub>PHL</sub>	CM <sub>H</sub>	CM <sub>L</sub>
						V <sub>CC</sub> = 4.5V I <sub>F</sub> = 1.6mA V <sub>O</sub> = 0.4V  Min (%)	V <sub>CC</sub> = 5V I <sub>F</sub> = 1.6mA R <sub>L</sub> = 2.2kΩ  Max (μs)	V <sub>CC</sub> = 5V I <sub>F</sub> = 1.6mA R <sub>L</sub> = 2.2kΩ  Max (us)	V <sub>CC</sub> = 5V I <sub>F</sub> = 0mA V <sub>OH</sub> = 2V R <sub>L</sub> = 2.2kΩ V <sub>CM</sub> = 10Vp-p  Min (V/μs)	V <sub>CC</sub> = 5V I <sub>F</sub> = 1.6mA V <sub>OL</sub> = 0.8V R <sub>L</sub> = 2.2Ω V <sub>CM</sub> = 10Vp-p  Min (V/μs)
6N138	Single Channel Optocoupler with a High Speed High Gain Split Darlington Transistor Output	5	20	7	7	300	10	35	1000	1000
6N139						500	1 I <sub>F</sub> = 12mA R <sub>L</sub> = 270Ω	7 I <sub>F</sub> = 12mA R <sub>L</sub> = 270Ω	1000	1000

## High Speed Split Darlington



## Standard Packages

