

### Specialty ICs

#### Lens Driver ICs

Device	DC - DC	Input Voltage		Output Voltage		Load		Package Options
		min (V)	max (V)	min (V <sub>RMS</sub> )	max (V <sub>RMS</sub> )	min (pF)	max (pF)	
<a href="#">HV892</a>	Internal charge pump	2.65	5.5	10	60	100	200	10-Lead DFN (K7)

#### High Side Current Monitor ICs

Device	V <sub>IN</sub> (V)	Gain	Rise and Fall Time (μs)	V <sub>SENSE</sub> max (mV)	Quiescent Current max (μA)	Package
<a href="#">HV7800</a>	8.0 - 450	Fixed, 1	0.7 - 2.0	500	50	5-Lead SOT-23 (K1)
<a href="#">HV7801</a>	8.0 - 450	Fixed, 5	0.7 - 2.0	500	50	5-Lead SOT-23 (K1)
<a href="#">HV7802</a>	8.0 - 450	Adjustable	0.7 - 1.4	500	50	8-Lead MSOP (MG)

#### Relay Driver ICs

Device	+V <sub>IN</sub>		I <sub>IN</sub> max (mA)	Oscillator Frequency			Max Output Duty Cycle (%)	Typical Current Sense		External Adjustable Regulator Output		Package Options
	min (V)	max (V)		min (kHz)	max (kHz)	f <sub>sync</sub> max (kHz)		Pull-In (V)	Hold	Voltage (V)	Current (mA)	
<a href="#">HV9901</a>	10	450	2	20	140	150	99.50	0.883	Adjustable	2.0 - 5.5	0 - 1.0	16-Lead SOIC (NG)

#### Fan Controller ICs

Device	V <sub>IN</sub> (V)	Drive	Speed Control	PWM Frequency (kHz)	Package	Demoboard
<a href="#">HV7100</a>	16 - 90	High Side FET	Linear PWM Digital (4-bit)	.050 - 100	14-Lead SOIC (NG)	<a href="#">HV7100DB1</a>

#### Fault Protection ICs

Device	Voltage (V)	# of Channels	R <sub>ON</sub> (Ω)	V <sub>OFF</sub> (V)	Package
<a href="#">FP0100</a>	100	1	6.0	4.5	3-Lead TO-243AA (SOT-89) (N8)