

Specialty ICs

Lens Driver ICs

Device	DC - DC	Input Voltage		Output Voltage		Load		Package Options
		min (V)	max (V)	min (V _{RMS})	max (V _{RMS})	min (pF)	max (pF)	
HV892	Internal charge pump	2.65	5.5	10	60	100	200	10-Lead DFN (K7)
HV895	Internal charge pump	2.65	5.5	10	60	100	200	Bumped Die

High Side Current Monitor ICs

Device	V _{IN} (V)	Gain	Rise and Fall Time (μs)	V _{SENSE} max (mV)	Quiescent Current max (μA)	Package
HV7800	8.0 - 450	Fixed, 1	0.7 - 2.0	500	50	5-Lead SOT-23 (K1)
HV7801	8.0 - 450	Fixed, 5	0.7 - 2.0	500	50	5-Lead SOT-23 (K1)
HV7802	8.0 - 450	Adjustable	0.7 - 1.4	500	50	8-Lead MSOP (MG)

Relay Driver IC

Device	+V _{IN}		I _{IN} 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 _{sync} max (kHz)		Pull-In (V)	Hold	Voltage (V)	Current (mA)	
HV9901	10	450	2	20	140	150	99.50	0.883	Adjustable	2.0 - 5.5	0 - 1.0	16-Lead SOIC (NG)

Fan Controller IC

Device	V _{IN} (V)	Drive	Speed Control	PWM Frequency (kHz)	Package	Demoboard
HV7100	16 - 90	High Side FET	Linear PWM Digital (4-bit)	.050 - 100	14-Lead SOIC (NG)	HV7100DB1