

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 4x4 DFN (K6)
HV895	Internal charge pump	2.65	5.5	10	60	100	200	Bumped Die

Digital Audio MOSFET Driver IC

Device	Channels	Input Voltage		Output Voltage (V)	Package Options	Demoboards	Application Notes
		min (V)	max (V)				
MD7120	4	1.8	5.0	9-12	32-Lead QFN (K6)	-	AN-H61

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) 16-Lead PDIP (P)

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