

High Voltage Telecommunication ICs

Electronic Line Switch ICs

Device	Switch Resistance (Ω)	Maximum Breakdown (V)	Package	Application Notes
HT0638	15	375	8-Lead SOIC (LG)	AN-H42
HT18/HT19	18	350	8-Lead SOIC (LG)	AN-H39

Ring Generator ICs

Device	Ring Voltage max (V _{RMS})	Output Load max (REN)	High Voltage Supplies		PWM Function	Package	Application Notes
			Positive	Negative			
HV430	105	50	Yes	Yes	External	20-Lead SOIC (WG)	AN-H42
HV440	70	5 or 20	Yes	Yes	External	16-Lead SOIC (WG)	AN-H37
HV441	70	5 or 20	Yes	Yes	Built-in	44-Lead PLCC (PJ)	AN-H35
HV461	105	40	No	No	Built-in	48-Lead LQFP (FG)	-

Power-over-Ethernet (PoE) Interface Controller

Device	V _{IN} (V)	I _{OUT} (mA)	I _{LIMIT} (mA)	Overcurrent Timer (ms)	Package
HV110	36 - 57	350	400	60	5-Lead TO-252 (K4)

Hotswap Controller ICs/Inrush Current Limiters/ Circuit Breaker ICs

Device	UV/IOV Protection	Circuit Breaker	Auto Retry	Type	Input Voltage max (V)	UV Threshold Voltage (V)	Supply Current max (mA)	Number of Channels	Package
HV100	UV	Until C-Load Fully Charged	Yes	Negative Rail Break, High Voltage	±72	34 (typ)	1.0	1	3-Lead SOT-223 (K5)
HV101	UV	Until C-Load Fully Charged	Yes	Negative Rail Break, High Voltage	±72	14	1.0	1	3-Lead SOT-223 (K5)

High Voltage Level Translator ICs

Device	Channels	Input Voltage		Output Voltage		Input to Output Isolation (V)	Package
		Low (V)	High (V)	Low (V)	High (V)		
HT0440	2	3.15	5.5	6.0	10	±400	8-Lead SOIC (LG)
HT0740	1	3.15	5.5	4.5	8.5	±400	8-Lead SOIC (LG)