

## High Voltage Telecommunication ICs

### Electronic Line Switch ICs

Device	Switch Resistance (Ω)	Maximum Breakdown (V)	Package	Application Notes
<a href="#">HT0638</a>	15	375	8-Lead SOIC (LG)	<a href="#">AN-H32</a>
<a href="#">HT18/HT19</a>	18	350	8-Lead SOIC (LG)	<a href="#">AN-H39</a>

### Ring Generator ICs

Device	Ring Voltage (max V <sub>RMS</sub> )	Output Load max (REN)	High Voltage Supplies		PWM Function	Package	Application/ Design Notes
			Positive	Negative			
<a href="#">HV430</a>	105	50	Yes	Yes	External	20-Lead SOIC (WG)	<a href="#">AN-H42</a>
<a href="#">HV440</a>	70	5 or 20	Yes	Yes	External	16-Lead SOIC (WG)	<a href="#">AN-H37</a>
<a href="#">HV441</a>	70	5 or 20	Yes	Yes	Built-in	44-Lead PLCC (PJ)	<a href="#">AN-H35</a>
<a href="#">HV461</a>	105	40	No	No	Built-in	48-Lead LQFP (FG)	<a href="#">DN-H07</a>

### Hotswap Controller ICs/Inrush Current Limiters/ Circuit Breaker ICs

Device	UV/OV Protection	Circuit Breaker	Auto Retry	Type	Input Voltage max (V)	UV Threshold Voltage (V)	Supply Current max (mA)	Number of Channels	Package
<a href="#">HV100</a>	UV	Until C-Load Fully Charged	Yes	Negative Rail Break, High Voltage	±72	34 (typ)	1.0	1	3-Lead SOT-223 (K5)
<a href="#">HV101</a>	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)		
<a href="#">HT0440</a>	2	3.15	5.5	6.0	10	±400	8-Lead SOIC (LG)
<a href="#">HT0740</a>	1	3.15	5.5	4.5	8.5	±400	8-Lead SOIC (LG)