

马达驱动芯片概述

一、HVIC 门极驱动系列

具有高可靠性及广泛兼容性的门级驱动芯片

- 更宽的驱动能力，从 290mA 到 4000mA
- 逻辑互锁功能和死区时间设置，可以更好地保护整机
- 欠压锁定功能，提供更好的开机保护
- 支持 COMS 和 LSTTL 逻辑电路输入



80V / ns
抗高速电压跳变能力

-40V, 600ns
输出端负压能力

790V
更高的击穿电压

-40~125°C
扩展工业级温度范围

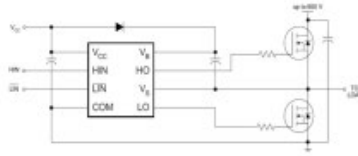
二、MOTOR DRIVERS

	2016				2017				2018				2019
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
200V/800V HVIC 1-Phase	SLM2103 --- HALF BRIDGE DRIVER SLM2104 600V 290/600mA SLM2108				SLM2110 --- HIGH AND LOW SIDE DRIVER SLM2113 600V 2.5/2.5A								
	SLM2101 --- HIGH & LOW SIDE DRIVER SLM2106 600V 290/600mA SLM2304				SLM2181 --- HALF BRIDGE DRIVER SLM2183 HIGH & LOW SIDE DRIVER SLM2184 600V 1.4/1.8A				200V/600V HVIC with integrated boot diode				
	SLM2001 --- HIGH & LOW SIDE DRIVER SLM2005 200V 290/600mA SLM2003 --- HALF BRIDGE DRIVER SLM2004 200V 290/600mA				SLM2186 --- HIGH & LOW SIDE DRIVER 600V 4/4A								
200V/800V HVIC 3-Phase	SLM2130/32 --- HALF BRIDGE DRIVER SLM2133/35 600V 200/420mA SLM2136				SLM7888 --- Three Phase BLDC Motor Driver 160V 350/650mA				Three Phase 200V/600V HVIC with integrated boot diode				
	SLM2131 --- HIGH & LOW SIDE DRIVER 600V 160/350mA												
Stepper Motor	SLM8548 --- Stepper Motor Driver SLM8549 28V 1.3A				SLM8549E --- Enhanced Stepper Motor Driver 30V 1.3A				SLM8837 --- 12V H-bridge Driver				
									BLDC Single Phase Int/Ext MOS				
BLDC									SLM10983 --- Three Phase BLDC Motor Driver 18V 1A				

RELEASED
DEVELOPMENT
DEFINITION

三、电机驱动芯片---高压集成电路（HVIC）的广泛应用

Home Electronics



Ventilator



HID Plasma Display



Automation Equipments



Electric Car/Bicycle

