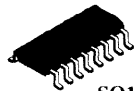




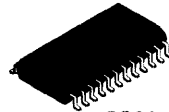
SO8



SO14



SO16



SO24



DIP8



SQFP48

Power Interface

Part Number	Description	Switching		12-V Suspend Capability	V _{CC} Rise Time	Max On-Resistance (T _A = 25°C)		Packages
		V _{CC}	V _{PP}			V _{CC} (I = 500 mA)	V _{PP} (I = 120 mA)	
Si9706	PCMCIA interface switch	X			Programmable	70 mΩ	n/a	SOIC8
Si9707	PCMCIA dual interface switch	X			Programmable	70 mΩ	n/a	SOIC16
Si9712	PCMCIA interface switch	X	X	X	Programmable	70 mΩ	150 mΩ	SOIC16
Si9711	PCMCIA interface switch	X	X		200 μs (min)	200 mΩ	300 mΩ	SOIC16
Si9750	Full featured current limit	X			Programmable	N/A	N/A	SOIC16

Motor Control and MOSFET Drivers

Part Number	Function	Recommended Operating Range		Packages
		Peak Output Current (A)	Voltage Range (V)	
Si9910	Adaptive power MOSFET driver	± 1 ^a	10.8 – 16.5	Plastic DIP8 SOIC8
Si9961	12-V voice coil motor driver	1.8	16	SOIC24
Si9976	N-channel half-bridge driver	± 0.5 ^a	20 – 40	SOIC14
Si9978	Configurable H-bridge driver	± 0.5 ^a	20 – 40	SOIC24
Si9979	3-Phase brushless DC motor controller	± 0.5 ^a	20 – 40	SQFP48
Si9986	5- to 12-V buffered H-bridge	± 1	4.5 to 13.2	SOIC8

Notes: ^a driver output