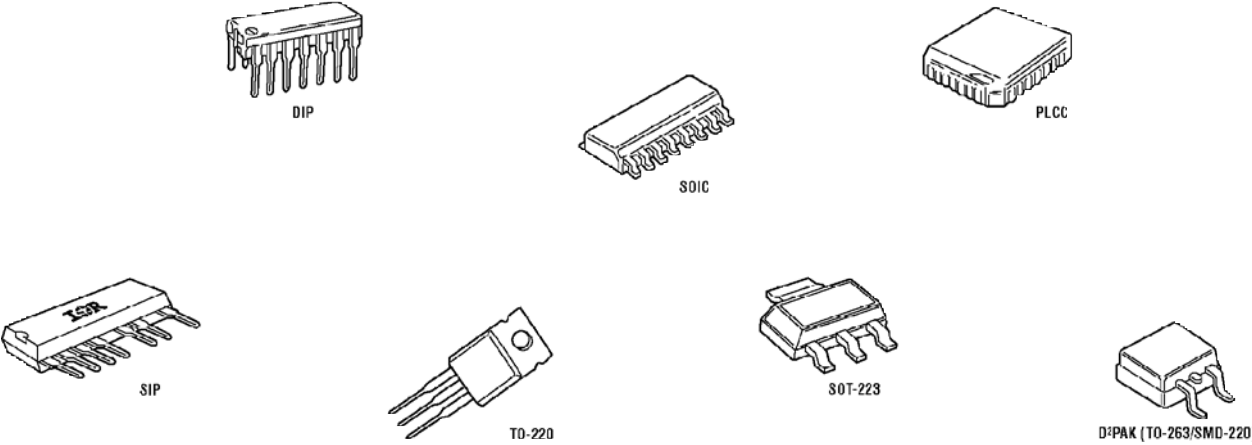


Control Integrated Circuits

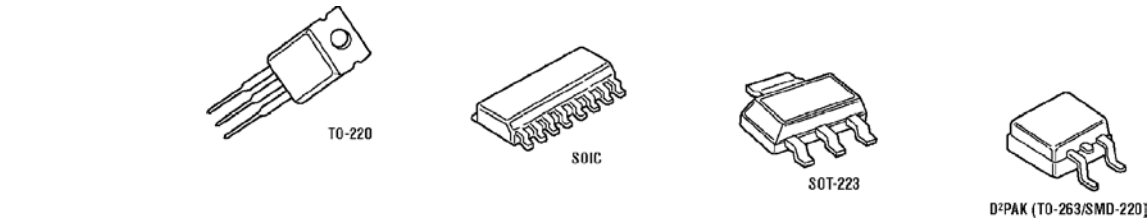


Rated up to 600 V.

Mfr.'s Type	Features	Configuration	Package	Mfr.'s Type	Features	Configuration	Package
IR1110	Soft start controller	3-phase SCR bridge	64-lead Quad Flat Pack	IR2131S	Basic	3 high side and 3 low side	28-lead SOIC wide body
IR2101	Basic	High and low side	8-lead DIP	IR2132	0.8 ms deadtime	3-phase bridge	28-lead DIP wide body
IR2101S	Basic	High and low side	8-lead SOIC	IR21362	200 ns deadtime	3-phase bridge	28-lead DIP
IR2102	Basic	High and low side	8-lead DIP	IR21362J	200 ns deadtime	3-phase bridge	44-lead PLCC
IR2102S	Basic	High and low side	8-lead SOIC	IR21362S	200 ns deadtime	3-phase bridge	28-lead SOIC
IR2103	Basic	High and low side	8-lead DIP	IR2136J	200 ns deadtime	3-phase bridge	44-lead PLCC
IR2103S	Basic	High and low side	8-lead SOIC	IR2136S	200 ns deadtime	3-phase bridge	28-lead SOIC
IR2104	With shutdown enable	Half bridge	8-lead DIP	IR2137J	AC motor controller	3-phase bridge	68-lead PLCC
IR2104S	With shutdown enable	Half bridge	8-lead SOIC	IR2137Q	AC motor controller	3-phase bridge	64-lead M Quad Flat Pack
IR2106S	Basic	High and low side	8-lead SOIC	IR2151	Self-oscillating	Half bridge	8-lead DIP
IR21084	Basic	High and low side	14-lead DIP	IR2153	Self-oscillating	Half bridge	8-lead DIP
IR21084S	Basic	High and low side	14-lead SOIC	IR2153S	Self-oscillating	Half bridge	8-lead SOIC
IR2109	With shutdown enable	Half bridge	8-lead DIP	IR21531D	Self-oscillating	Half bridge with diode	8-lead DIP
IR21094	With shutdown enable	Half bridge	14-lead DIP	IR21531S	Self-oscillating	Half bridge	8-lead SOIC
IR21094S	With shutdown enable	Half bridge	14-lead SOIC	IR2155	Self-oscillating	Half bridge	8-lead DIP
IR2109S	With shutdown enable	Half bridge	8-lead SOIC	IR2157J	Ballast controller	Ballast controller	14-lead DIP
IR2110	With shutdown enable	High and low side	14-lead DIP	IR21571S	Self-oscillating	Ballast controller	16-lead SOIC
IR2110S	With shutdown enable	High and low side	16-lead SOIC wide body	IR2159	Dimming ballast	Half-bridge	14-lead DIP
IR2111	Basic	Half bridge	8-lead DIP	IR2159S	Dimming ballast	Half-bridge	16-lead SOIC
IR2111S	Basic	Half bridge	8-lead SOIC	IR2213S	Shutdown enable	High and low side	16-lead SOIC wide body
IR2112	With shutdown enable	High and low side	14-lead DIP	IR2233	0.2 ms deadtime	3-phase bridge	28-lead DIP wide body
IR2112S	With shutdown enable	High and low side	16-lead SOIC wide body	IR2233S	0.2 ms deadtime	3-phase bridge	28-lead SOIC wide body
IR2113	With shutdown enable	High and low side	14-lead DIP	IR2235	200 ns deadtime	3-phase bridge	28-lead DIP
IR2113S	With shutdown enable	High and low side	16-lead SOIC wide body	IR2235J	200 ns deadtime	3-phase bridge	44-lead PLCC
IR2117	Basic	High or low side	8-lead DIP	IR2235S	200 ns deadtime	3-phase bridge	28-lead SOIC
IR2117S	Basic	High or low side	8-lead SOIC	IR51H224	Self-oscillating	Half bridge	9-lead SIP
IR2118	Basic	High or low side	8-lead DIP	IR51HD224	Self-oscillating	Half bridge with diode	9-lead SIP
IR2118S	Basic	High or low side	8-lead SOIC	IR51H420	Self-oscillating	Half bridge	9-lead SIP
IR2121	Current limiting	High or low side	8-lead DIP	IR51HD420	High Voltage hybrid	Half Bridge with diode	9-lead SIP
IR2122	Over-current shutdown	Single channel	8-lead DIP	IR53HD420	High Voltage hybrid	Half Bridge with diode	9-lead SIP
IR2125	Current limiting	High or low side	8-lead DIP	IR6210 *	Fully-protected	High side switch	5-lead TO-220
IR2125S	Current limiting	High or low side	16-lead SOIC	IR6216 *	Fully-protected	High side switch	5-lead TO-220
IR2127	Over-current shutdown	High or low side	8-lead DIP	IR6220 *	Fully-protected	High side switch	5-lead TO-220
IR2127S	Over-current shutdown	High or low side	8-lead SOIC	IR6624 *	Fully-protected	High side switch	5-lead TO-220
IR2128S	Over-current shutdown	High or low side	8-lead SOIC	IR6226 *	Fully-protected	High side switch	5-lead TO-220
IR2130	2.5 ms deadtime	3-phase bridge	28-lead DIP wide body	IRSF3011	Fully-protected	Low side switch	3-lead TO-220
IR2130S	2.5 ms deadtime	3-phase bridge	28-lead SOIC wide body	IRSF3011L	Fully-protected	Low side switch	3-lead SOT-223
IR2131	Basic	3 high side and 3 low side	28-lead DIP wide body	IRSF3021	Fully-protected	Low side switch	3-lead TO-220
IR2131J	Basic	3 high side and 3 low side	44-lead PLCC without 12 leads	—	—	—	—

*Also available in D*PAK (SMD-220). Add suffix S to the Mfr.'s Type number.

Intelligent Power Switch Fully Protected Power MOSFET



Mfr.'s Type	Vclamp/ Limit/ Rds(on)	Configuration	Package	Mfr.'s Type	Vclamp/ Limit/ Rds(on)	Configuration	Package
IPS0151*	50 V/35 A/25 mΩ	Low side	3-lead TO-220	IPS042G	50 V/2 A/500 mΩ	Dual low side	8-lead SOIC
IPS021*	50 V/5 A/150 mΩ	Low side	3-lead TO-220	IPS0551T	40 V/100 A/5 mΩ	Low side	3-lead Super TO-220
IPS021L	50 V/5 A/150 mΩ	Low side	3-lead SOT-223	IPS511 *	50 V/5 A/130 mΩ	High side	5-lead TO-220
IPS022G	50 V/5 A/150 mΩ	Dual low side	8-lead SOIC	IPS511G	50 V/5 A/150 mΩ	High side	8-lead SOIC
IPS024G	50 V/5 A/150 mΩ	Quad low side	16-lead SOIC	IPS512G	50 V/5 A/150 mΩ	Dual high side	16-lead SOIC
IPS031*	50 V/12 A/60 mΩ	Low side	3-lead TO-220	IPS521*	50 V/10 A/80 mΩ	High side	5-lead TO-220
IPS031G	50 V/12 A/70 mΩ	Low side	8-lead SOIC	IPS521G	50 V/10 A/100 mΩ	High side	8-lead SOIC
IPS032G	50 V/12 A/70 mΩ	Dual low side	16-lead SOIC	IPS5451*	50 V/35 A/25 mΩ	High side	5-lead TO-220
IPS041L	50 V/2 A/500 mΩ	Low side	3-lead SOT-223	IPS5551T	40 V/100 A/5 mΩ	High side	3-lead Super TO-220

*Also available in D2PAC (SMD-220). Add suffix S to the Mfr.'s Type number.