

16-Lead SOIC

16-Lead DIP

14-lead DIP w/o 4

14-Lead DIP

Part Number	V _{Offset} (V)	I _{O+/-} (mA)	V _{OUT} (V)	t _{on / off} (ns)	Design Features	Fax-on-Demand
High and Low Side Driver						
IR2110	500	2 / 2	10 / 2	120 / 94	Delay Matching (ns) 10 <i>Cycle-by-cycle edge-triggered shutdown logic</i> <i>Separate logic & power returns</i>	60011
IR2112	600	200 / 42	10 / 2	125 / 10	Delay Matching (ns) 30 <i>Separate logic and low side supplies</i> <i>Cycle-by-cycle edge-triggered shutdown</i>	60026
IR2113	600	2 / 2	10 / 2	120 / 94	Delay Matching (ns) 10 <i>Separate logic and low side supplies</i> <i>Cycle-by-cycle edge-triggered shutdown</i>	60030

44-Lead PLCC

28-Lead SOIC

28-Lead DIP

Part Number	V _{Offset} (V)	I _{O+/-} (mA)	V _{OUT} (V)	t _{on / off} (ns)	Design Features	Fax-on-Demand
3 High Side & 3 Low Side Driver						
IR2131	600	200 / 42	10 / 2	1.3 / .6	Deadtime (ns) 700 <i>Independent 3 high-side and 3 low-side drivers</i> <i>Over-current shutdown turns off all 6 dri</i>	60032
3-Phase Bridge Driver						
IR2130	600	200 / 42	10 / 2	675 / 42	Deadtime (ns) 2.5 <i>Independent half-bridge drivers</i> <i>Over-current shutdown turns off all 6 dri</i>	60019
IR2132	600	200 / 42	10 / 2	675 / 42	Deadtime (ns) .8 <i>Independent half-bridge drivers</i> <i>Over-current shutdown turns off all 6 dri</i>	60033

Part Number	V _{Offset} (V)	I _{O+/-} (mA)	V _{OUT} (V)	t _{on / off} (ns)	Design Features	Fax-on-Demand
Current Limiting Low Side Driver						
IR2121	5	1 / 2	12 / 1	150 / 15	VCSt _h (mV) 230 <i>Undervoltage lockout</i> <i>Current detection & limiting loop</i>	60018
Current Limiting Single Channel Driver						
IR2125	500	1 / 2	12 / 1	150 / 15	VCSt _h (mV) 230 <i>Undervoltage lockout</i> <i>Current detection & limiting loop</i>	60017
Current Sensing Single Channel Driver						
IR2127	600	200 / 42	10 / 2	150 / 10	VCSt _h (mV) 250 <i>Undervoltage lockout</i> <i>Overcurrent shutdown</i>	60036
IR2128	600	200 / 42	10 / 2	150 / 10	VCSt _h (mV) 250 <i>Undervoltage lockout</i> <i>Overcurrent shutdown</i>	60042
Half-Bridge Driver						
IR2111	600	200 / 42	10 / 2	850 / 15	Deadtime (ns) 700 <i>Floating VBS drive channel</i> <i>Internal deadtime control</i>	60028

8-Lead SOIC

8-Lead DIP

Part Number	V _{Offset} (V)	I _{O+} / - (mA)	V _{OUT} (V)	t _{on} / off (ns)	Design Features	Fax-on-Demand
High and Low Side Driver						
IR2101	600	100 / 21	10 / 2	130 / 90	Delay Matching (ns) 30 <i>Floating VBS Drive Channel</i> <i>Undervoltage lockout</i>	60044
IR2102	600	100 / 21	10 / 2	130 / 90	Delay Matching (ns) 30 <i>Floating VBS Drive Channel</i> <i>Undervoltage lockout</i>	60043
IR2103	600	100 / 21	10 / 2	600 / 90	Deadtime (ns) 500 <i>Floating VBS Drive Channel</i> <i>Cross-conduction prevention</i>	60045
IR2104	600	100 / 210	10 / 2	600 / 90	Deadtime (ns) 500 <i>Cross-conduction prevention</i> <i>Internal deadtime control</i>	60046
Self-Oscillating Half-Bridge Driver						
IR2151	600	100 / 21	10 / 2		Deadtime (ns) 1.2 <i>Programmable oscillator frequency</i> <i>50% duty cycle</i>	60034
IR2152	600	100 / 21	10 / 2		Deadtime (ns) 1.2 <i>Programmable oscillator frequency</i> <i>50% duty cycle</i>	60035
IR2153	600	200 / 40			Deadtime (μs) 1.2 <i>V_{clamp} = 15.6V</i> <i>50% duty cycle</i>	60062
IR2155	600	210 / 42	10 / 2		Deadtime (ns) 1.2 <i>Programmable oscillator frequency</i> <i>Micropower supply startup current of 125</i>	60029

8-Lead SOIC

8-Lead DIP

Part Number	V _{Offset} (V)	I _{O+/-} (mA)	V _{OUT} (V)	t _{on / off} (ns)	Design Features	Fax-on-Demand
Single Channel Driver						
IR2117	600	200 / 42	10 / 2	125 / 10	<i>Floating VBS drive channel</i> <i>Undervoltage lockout</i>	60031
IR2118	600	200 / 42	10 / 2	125 / 10	<i>Floating VBS drive channel</i> <i>Undervoltage lockout</i>	60041