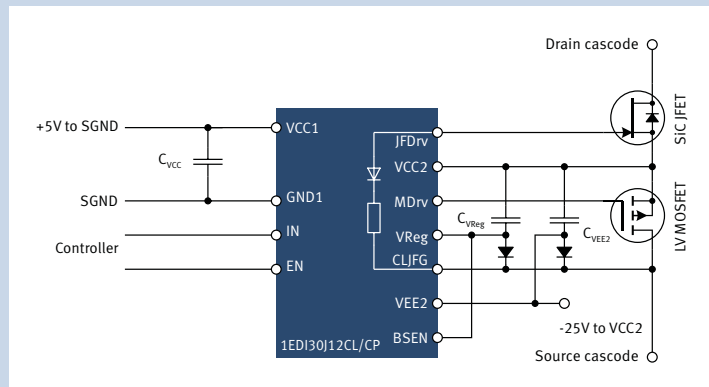


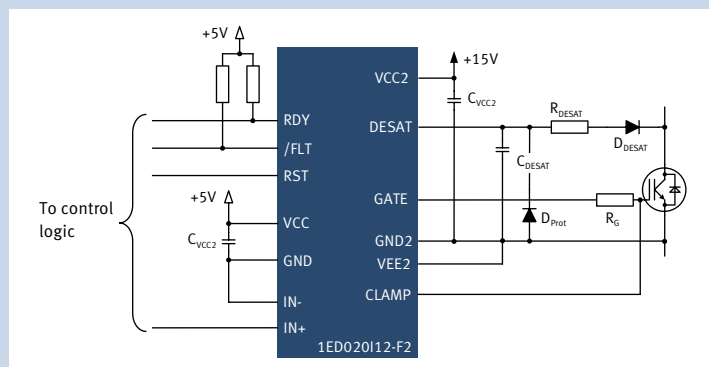
EiceDRIVER™

1200V Gate Driver ICs for Solar Inverters and UPS

Infineon Direct Drive Technology




Typical usage of Single-Channel driver 1ED020I12-F2/-B2



Detailed product features



Product Type	Package			Topology	Voltage Class	Io+ / Io-	Turn On Propagation Delay (max)	Tj(max)	UVLO ON max	Fault Reporting	Shutdown /Enable
	Type										
1EDI30J12CL	DSO-16	✓	✓	DirectDrive	1200	3000 / 3000	80	150	-17,2	–	EN
1EDI30J12CP	DSO-19	✓	✓	DirectDrive	1200	3000 / 3000	80	150	-17,2	–	EN
1ED020I12-F2	DSO-16	✓	✓	Single	1200	2000 / 2000	195	150	12,6	DESAT	/RST
1ED020I12-B2	DSO-16	✓	✓	Single	1200*	2000 / 2000	195	150	12,6	DESAT	/RST
1ED020I12-FT	DSO-16	✓	✓	Single	1200	2000 / 2000	2000	150	12,6	DESAT	/RST
1ED020I12-BT	DSO-16	✓	✓	Single	1200*	2000 / 2000	2000	150	12,6	DESAT	/RST
2ED020I12-F2	DSO-36	✓	✓	Dual	1200	2000 / 2000	195	150	12,6	DESAT	/RST
2ED020I12-FI	DSO-18	✓	✓	Half Bridge	1200	1000 / 2000	105	150	13,5	–	/SD

* Power loss considerations to be done by customer based on power switch selection

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