Low Side Gate Drivers
Low Side, Ultrafast, 1.5A to 30A
IGBT and MOSFET Drivers

IXYS Integrated Circuits Division offers a powerful family of Low Side Gate Drivers for MOSFETs and IGBTs, with a large mix of logic configurations, packaging, and drive current capabilities. Our single-output and dual-output low side driver ICs include selectable options for logic combinations. The range of current ratings offered is the broadest available, extending to 30A peak, which is the LARGEST PEAK DRIVE CURRENT capability for an integrated driver on the market.

In all these driver devices, internal circuitry eliminates cross conduction and current “shoot-through,” and the driver is virtually immune to latch up.

- Device Types with Peak Source/Sink Driver Current from 1.5A to 30A
- Wide Operating Voltage Range: 4.5V to 35V
- Extended Operating Temperature Range from -40°C to +125°C
- Logic Inputs Withstand Negative Swing of up to 5V
- Low Propagation Delay Time
- Low, 10µA, Supply Current
- Low Output Impedance

IXD_604SI (Power SOIC), IXD604SIA (SOIC), and IXD_609SI (Power SOIC) are all automotive qualified per AEC Q100.

For more information and data sheets, please visit:
http://www.ixysic.com/Products/Automotive.htm
The rich mix of features, package options, and capabilities offered by IXYS Integrated Circuits Division makes it the premier supplier of low-side gate driver ICs, with solutions available for both traditional and unconventional gate-drive requirements. For more information and data sheets, please visit:

http://www.ixysic.com/Products/IGBT-MOSFETDvr.htm