

PRESS RELEASE

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New High Voltage IGBT Gate Drive Unit – C0030BG400



Westcode Semiconductors Limited, a division of the IXYS Corporation, announce the introduction of a high voltage IGBT gate drive unit (GDU) designed to complement their range of high voltage press-pack IGBTs and standard IGBT modules.

The device, known as **C0030BG400**, is a single channel 30A peak rated driver suitable for low and high side applications. With a DC link voltage of up to 3.5kV (5kV available on request) and with dv/dt immunity of over 100kV/ μ s, this GDU performs all of the necessary supervisory functions including under voltage lockout and SCSOA protection with user configurable response and feedback. The unit requires a simple 15V DC power supply and features fibre optic command and feedback signals.

Capable of driving virtually all IGBTs, including our range of press-pack devices rated up to 5200V and 1500A, at frequencies from DC up to 20kHz. Options include standard variants set up for use with each of Westcode's range of Press-Pack IGBTs and the core module for integration into end user PCBs. Additionally, our application engineers can develop semi-custom solutions based around the standard core module.

The launch of this new complementary product demonstrates Westcodes continued commitment to provide customers with complete solutions for power electronics and further strengthens their assemblies' capability. This GDU also provides customers with a rapid route to prototype with Westcodes range of high voltage press-pack IGBTs without having to solve the additional problems associated with high isolation voltage gate drives. Data sheets, pricing and samples are available now by contacting the Customer Service Team at Chippenham email: WSL.sales@westcode.com or telephone: +44 (0)1249 444525 or visit us at PCIM 2003, Stand 301, Hall 12.

Author: A Golland, Applications Manager

Company: Westcode Semiconductors Ltd, Langley Park Way, Langley Park, Chippenham, Wiltshire SN15 1GE
England UK

Contact Details: Tel: +44 (0)1249 441135
Fax: +44 (0)1249 659448
Email: ashley.golland@westcode.com