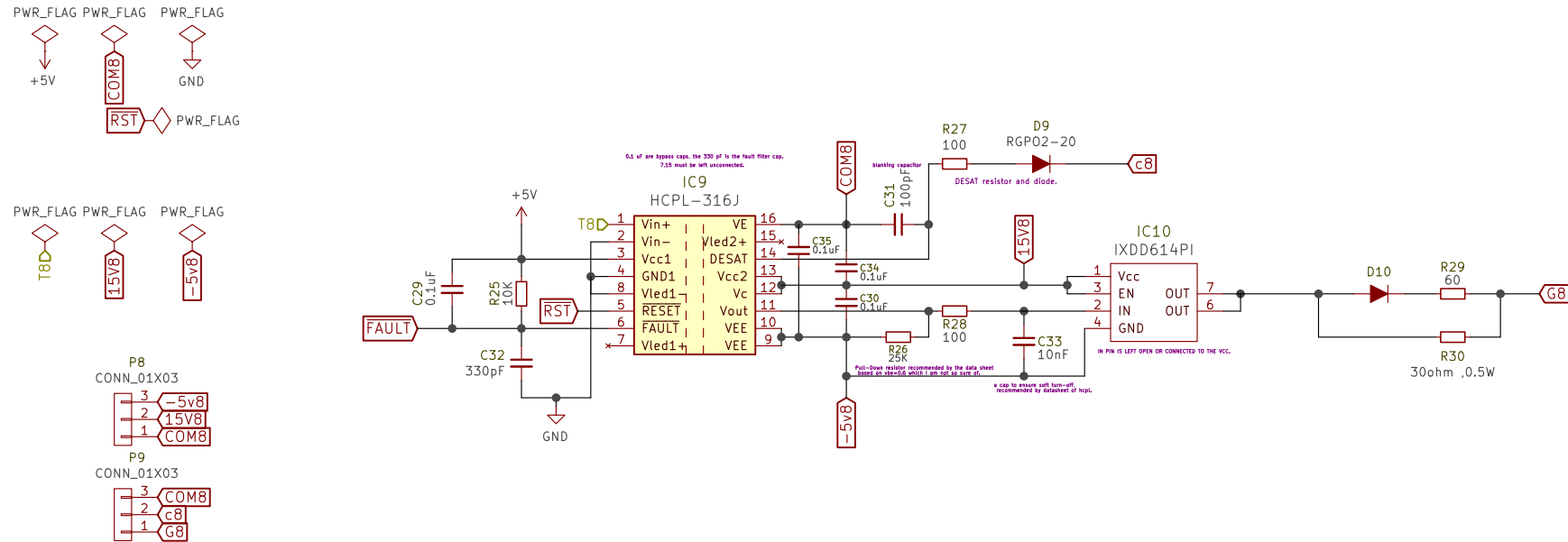


IGBT GATE DRIVER CIRCUIT BASED ON IXDD614PI AND HCPL-316J.

the circuit drives a single IGBT and works as low side and high side drive with undervoltage lockout and DESAT protection.

power flags are used to tell the Eeschema program which pins are driven by power sources, they have no physical existence.



T1 is the PWM control signal from the microcontroller.
5 volt is the vcc of the microcontroller.
COM is the auxiliary emitter of the IGBT.
G is the Gate of the IGBT.
C is the collector of the IGBT.
GND is the ground of the microcontroller.

THIS CIRCUIT IS A PROTOTYPE VERSION.
VSD GRADUATION PROJECT.

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Title: IGBT GATE DRIVE SCHEMATIC.

Size: A4	Date: 2016-03-02	Rev: 1
KiCad E.D.A. kicad (2016-06-09 BZR 6908, Git f25d12f)-product		Id: 9/9