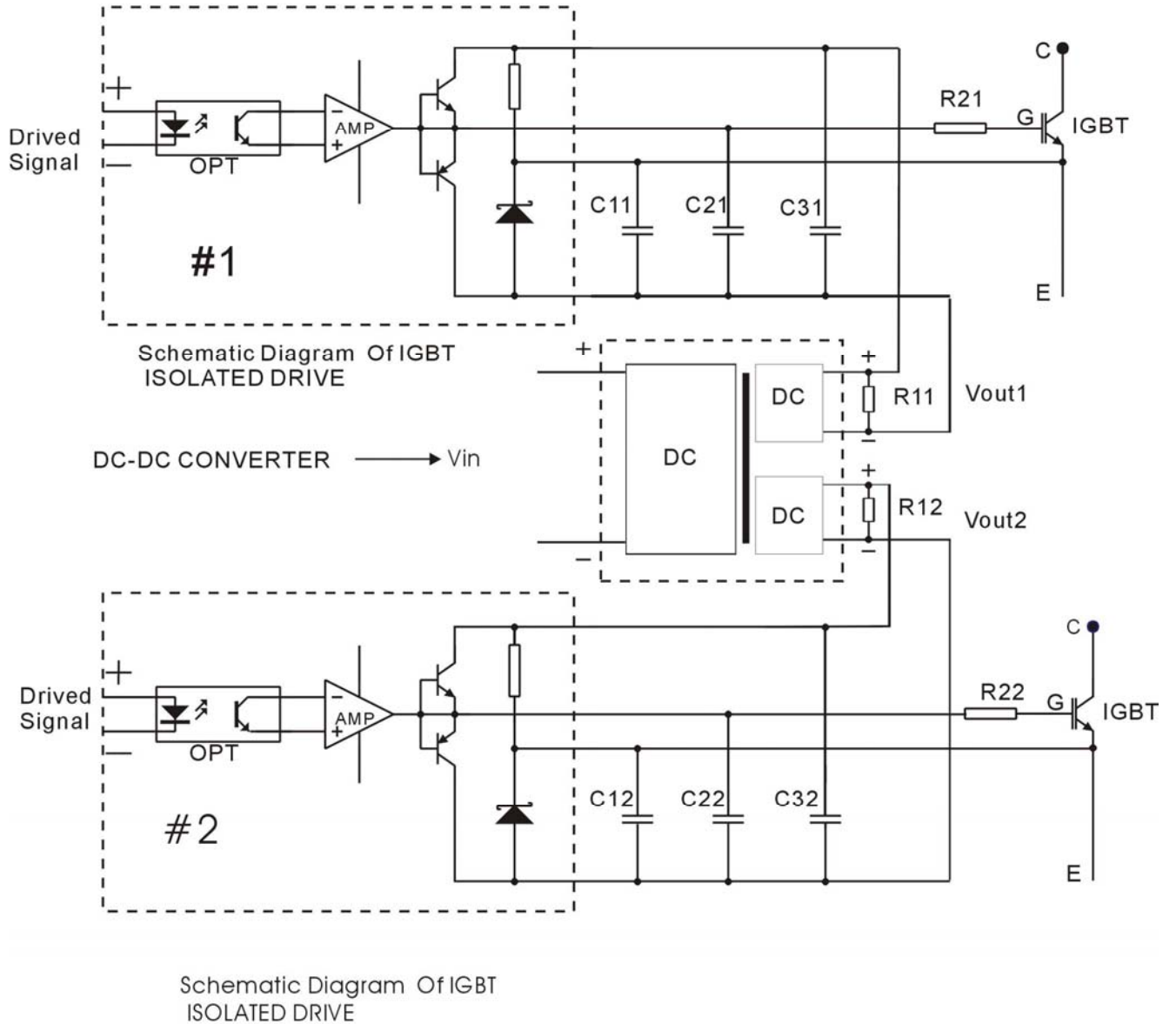


IGBT DRIVING APPLICATION SOLUTION - ISOLATED DUAL

DRIVE CIRCUIT SOLUTION



DC-DC POWER MODULE SELECTION GUIDE

POWER SOURCE	IGBT DRIVE POSITIVE POLE	IGBT DRIVE NEGATIVE POLE	DC-DC POWER MODULE SELECTION	
			1000VDC ISOLATION	
			DIP	SIP
5V	19V	5V	D052424D-1W	D052424S-1W
12V	19V	5V	D122424D-1W	D122424S-1W
15V	19V	5V	D152424D-1W	D152424S-1W
24V	19V	5V	D242424D-1W	D242424S-1W

NOTES:

1. Dxxxxx-1W is fixed input, independent isolation, unregulated two outputs series.
2. 3000VDC isolation series is available, as well as regulated output series.
3. Larger output power, 24V and other output voltage series are available too.

Applications;

- a. Transducer, inverter, switching power supply, DC-DC converter;
- b. Electromotor driving, traction engine;
- c. Power source of railway or subway, electric autos;
- d. Mineral mining, gas mining, pipe transfer, water treatment;
- e. Electrical engineering, power plant, electricity transmit

Notes:

- a. When select DC-DC modules, make sure the output power of modules match the demand of IGBT drive. Too large or too low power will likely hurt the modules. In a perfect case, the modules work at about 30%~70% of its rated power.
- b. It is recommended that the capacitor C3 which attached to output of DC-DC modules does not exceed 1uF, otherwise the modules may have problem while starting.
- c. The measurement to determine resistor R1 which attached to output of DC-DC modules can be: the power consumption of R1 should be 2~5% of the rated power of the module.
- d. For special requirements please contact us:

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E-mail: FAE@mornsunamerica.com