

Test	Pin	Signal	Reference point	Notes
1)	VCCA VEEA VCCB VEEB +5V	15V -5V 15V -5V 5V	GNDA GNDA GNDB GNDB GND	Short circuit, power source check Floating power source for channel A Floating power source for channel B Primary side voltage source
<p>Check VCCA and VCCB input currents are << 10mA Check +5V input current is << 10mA</p>				
2)	VCCA VEEA VCCB VEEB +5V INA INB G-A G-B	15V -5V 15V -5V 5V PWM 5V _{pp} , 50%, 10kHz, phase 0° PWM 5V _{pp} , 50%, 10kHz, phase 180°	GNDA GNDA GNDB GNDB GND GND E-A E-B	Signal functionality test Floating power source for channel A Floating power source for channel B Primary side voltage source Channel A signal input Channel A signal input
<p>Check VCCA and VCCB input currents are << 50mA Check +5V input current is << 10mA Check G-A output = INA (voltage levels VEEA to VCCA) (max 100ns delayed) Check G-B output = INB (voltage levels VEEB to VCCB) (max 100ns delayed)</p>				