

Aux power supply: 3.3V and 1.2V

JTAG of DSP

E2PROM

Crystal oscillator

Power of DSP

ADC of DSP

GPIO of DSP

Connectors to Main board

Input DC Voltage sample

Temperature

Output AC voltage sample

Choke current sample

Clamp to 3.3V for signals

Buffer for PWM

Low side MOSFETs current sample

13kW HVAC Motor drive control board

Size D Number Revision P2

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File C:\Users\JCHW\HVAC Control board\13kW Motor Drive

Board Stack Report