Input Connector

Motor Terminals Connector

Hall-Effect Sensor Connector

SPI-BY-WIRE Programming Connector

Close: normal operating condition
Open: only for programming MCU U5

UART Interface

J1 can be used to interface DRV8313 from external Micro-Controller

5V Supply for Hall-Sensors

3.3V Power Supply

J1 can be used to interface DRV8313 from external Micro-Controller
Back-Emf and DC-Link ADC-Interface

C13, C14, C16 Optional (not populated in EVM)
3.3V selection Jumper
Position 1-2: From DRV8313
Position 2-3: From On board LDO(U7)

Zero-Ohm-Jumpers R25, R26, R27, R29 and R30 to R34 should be removed in order to interface DRV8313 from external Microcontroller.
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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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