

Schematic diagrams

Figure 1. STEVAL-IPMNG5Q circuit schematic (1 of 5)

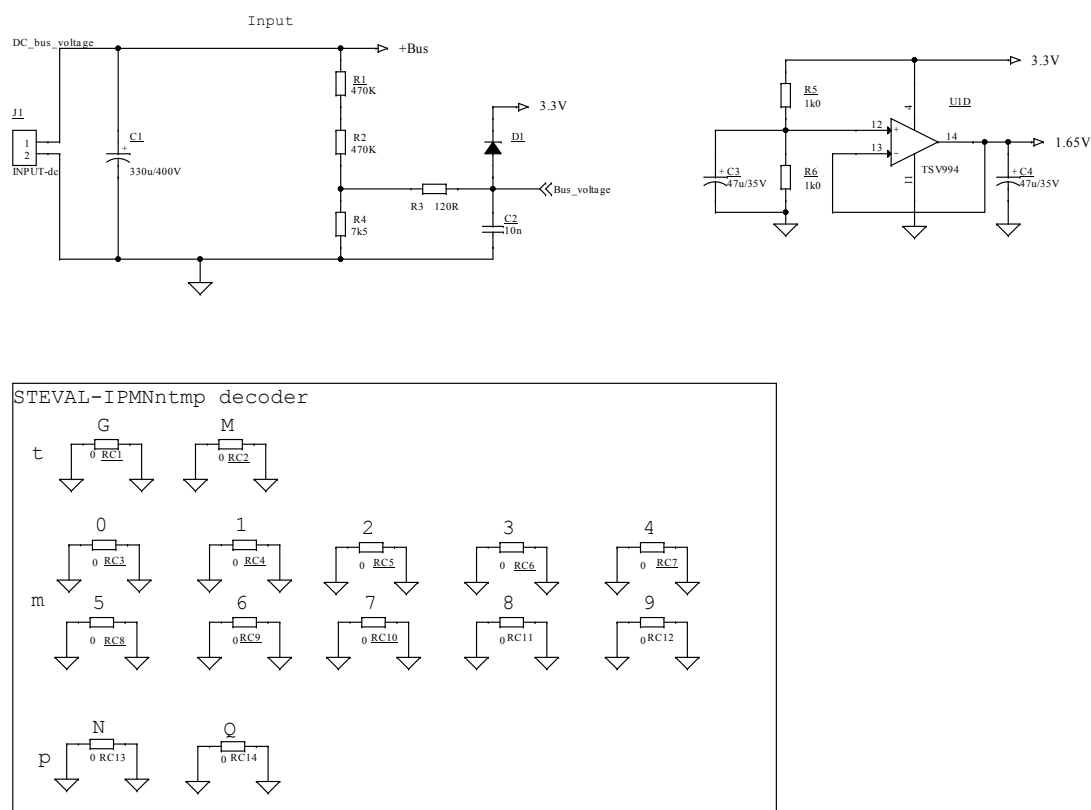
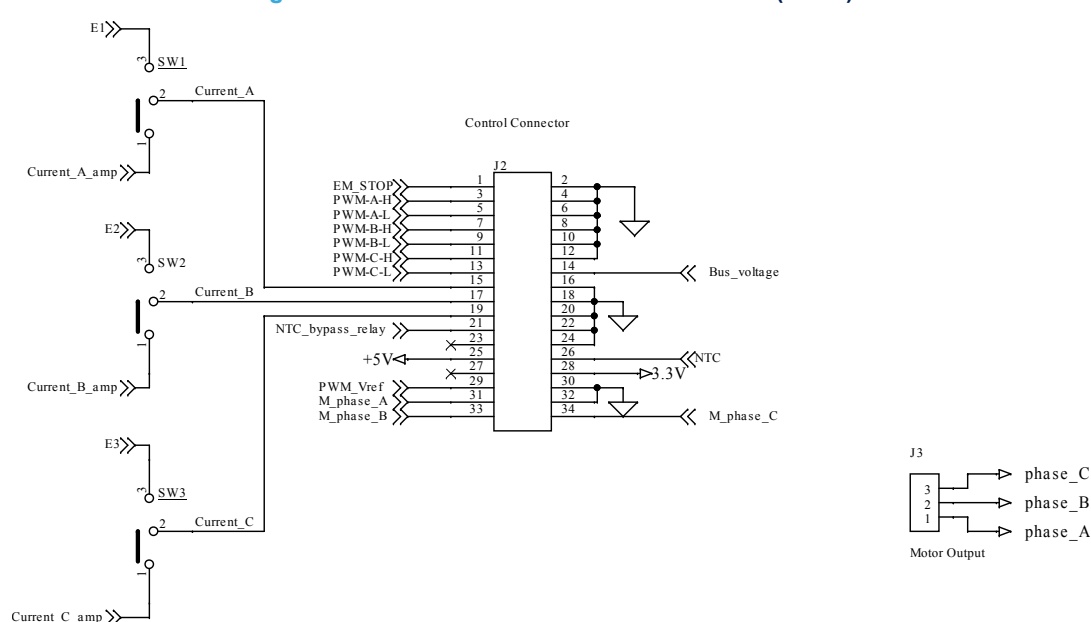
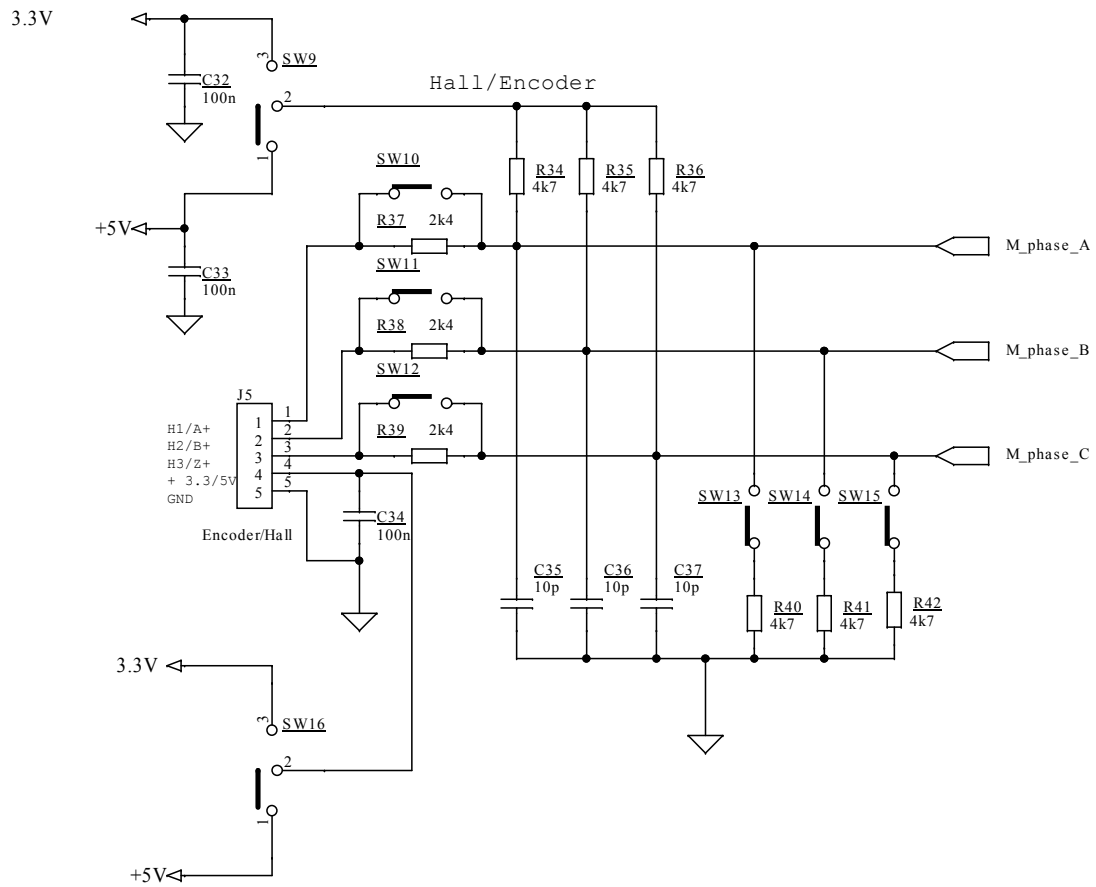


Figure 2. STEVAL-IPMNG5Q circuit schematic (2 of 5)



The schematic diagram illustrates the I2S module and its connection to the STGIP05C60T-H module. The I2S module includes a 15V power supply, a 3.3V regulator, and a 100V 50V NTC thermistor. It features three input channels (Phase A, Phase B, Phase C) with PWM inputs and a common ground. The module is connected to the STGIP05C60T-H module via a 12-pin connector. The STGIP05C60T-H module includes a 12V power supply, a 3.3V regulator, and a 100V 50V NTC thermistor. It features three output channels (Phase A, Phase B, Phase C) with PWM outputs and a common ground. The module is connected to the STGIP05C60T-H module via a 12-pin connector. The module is connected to the STGIP05C60T-H module via a 12-pin connector.

Figure 5. STEVAL-IPMNG5Q circuit schematic (5 of 5)


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