

6.6 EG8010+IR2110S Sinusoid inverter (low power frequency transformer)

transformer)

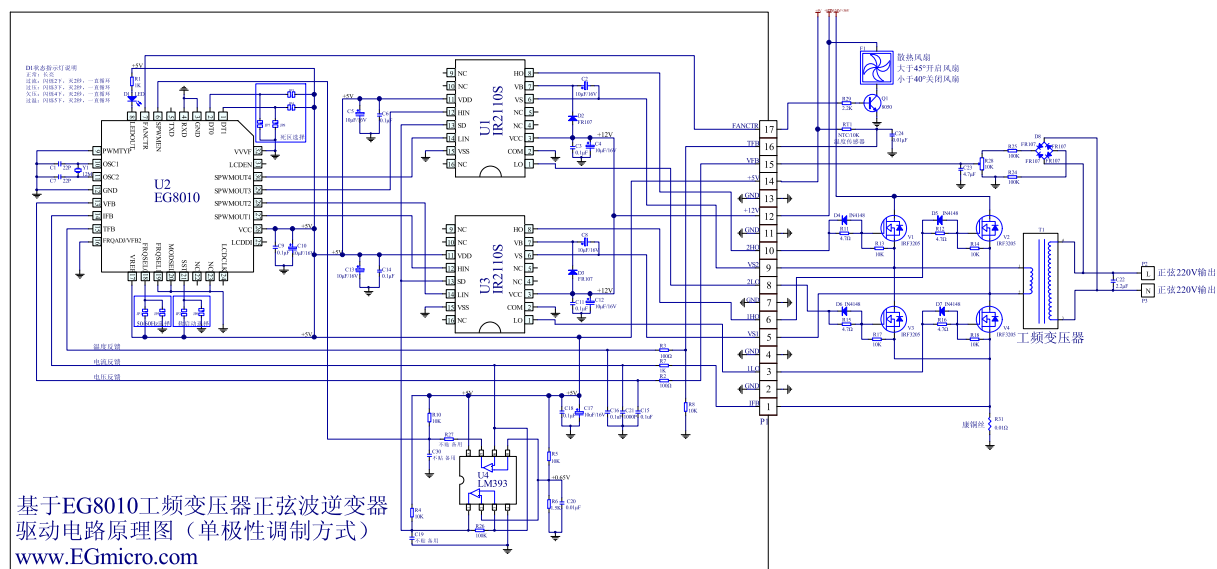


Figure 6-6. EG8010+IR2110S Sinusoid inverter (low power frequency transformer)

Note:

1. T1 needs to use low power frequency transformer. Transformer filters PWM high frequency signal by connecting its secondary turns to a 2.2uF/400V capacitor of CBB. After filtering, it outputs 50Hz/60Hz sinusoid.
2. For full-bridge power MOSFET choose low $R_{ds(on)}$ MOSFET according to the input voltage.