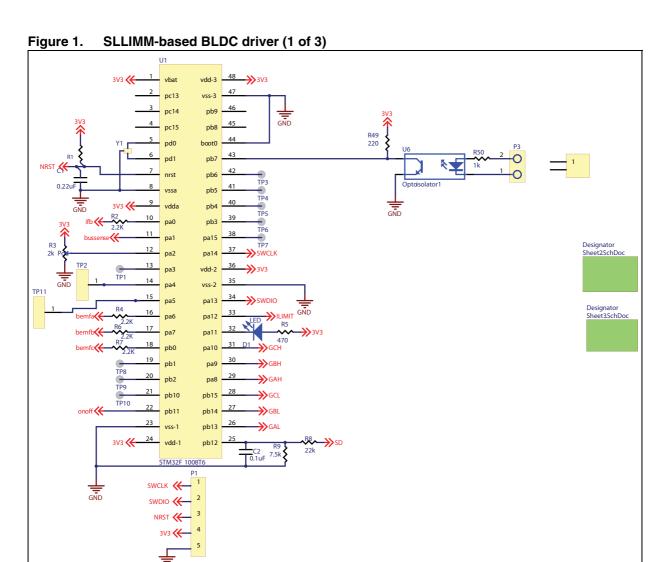
STEVAL-IHM040V1 Schematic diagrams



→>> dcbus 220uF 200V R10 C3 -R11≷ 470k W1 2 1 100k R12 >>> bussense **Mating Connector** D2 4 R13 100k C5 -220uF 200V -R14 8.2k J1A 6A 400V __C6 47nF _ GND U2 8 out in gnd gnd gnd gnd 5 NC NC L78L33 GND R16 100 R15 100 1 mH Inductor 16 dcbus(drain gnd **→>** 15v STTH1R06A 100uF 35V 15 2 C25 drain gnd STTH1R06A 1.0uF 14 3 drain nc **D**4 13 4 C9 1.0uF C8 0.1uF drain na GND GND 12 R17 2.8K R18 10K Vdd nc R19 11 nc lim 0.01uF **₩** 10 fb nc C11 8 R20 0.1uF 9 comp nc 10K VIPer16 2.2nF C12

SLLIMM-based BLDC driver (2 of 3) Figure 2.

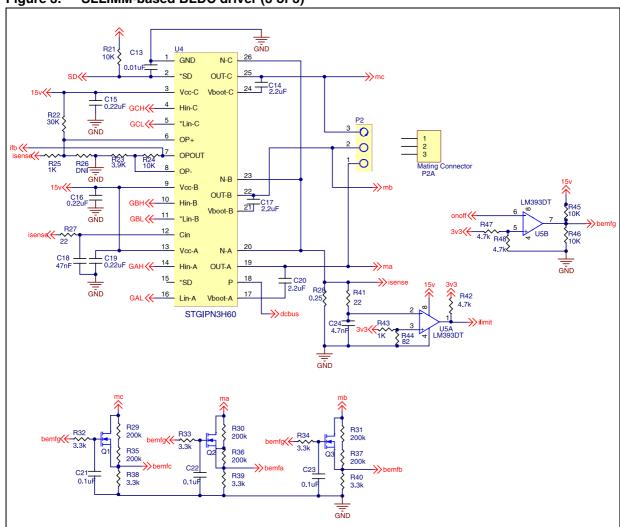


Figure 3. SLLIMM-based BLDC driver (3 of 3)