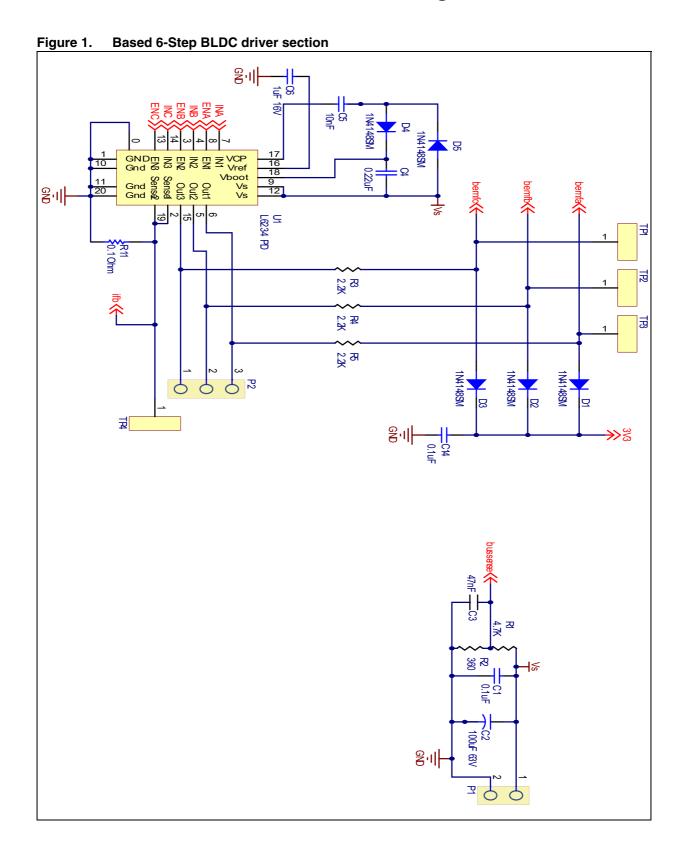
STEVAL-IHM043V1 Schematic diagram



U3 STM37 051C6T6 48 >>> 3V3 3V3 ((vdd-3 vbat R20 pc13 vss-3 R21 pc14 pb9 Ę GND 200 R22 SPIMISO 6 pc15 pb8 pd0 boot0 9 Header 9 pd1 pb7 **《**TX nrst pb6 C9 R23 100 0.22uF **K**SPIMOS pb5 vssa vdda pb4 **K**SPIMISO GND 10 pa0 pb3 11 38 pa15 47nF pa1 R15 12 pa2 pa14 13 pa3 vdd-2 **→>**3V3 0.1uF 0.1uF R12 1.5K GND 14 pa4 vss2 100 R17 100 15 R16 pa13 pa5 GND 16 C13 pa6 pa12 R10 100 10nF 17 pa7 pa11 470 U4 L78L33ACD R9 100 18 pb0 pa10 를 GND 19 pb1 pa9 20 pb2 pa8 100uF 50V 0.1uF P4 21 pb10 pb15 →>> ENC 5 NC NC · →>> ENB pb11 pb14 23 **→** ENA pb13 vss-1 24 3V3 **(** vdd-1 pb12 R6 R7 R8 10K > 10K > 10K ĠŅD Ę GND SWD ĒND Header 6

Figure 2. Based 6-Step BLDC driver connector section