STEVAL-IDI003V2

Schematic diagrams

3V3 C1 1uF 0805 U1 ADC2 ADC1 13 VDD_IO ADC3 100nF 0402 C2 NC GND R4 0 0402 GPIO0_PA3 NC INT 1 LIS3DH 12C2_SCL_PB10 SCL/SPC RESERVED SDA/SDI GND INT 2 SS I2C2_SDA_PB11 R5 3 4k7 0402 R6 4k7 040<u>2</u> ACCELERTOMETER SECTION GSPG11102015DI1050

Figure 1: STEVAL-IDI003V2 circuit schematic (1 of 5)

Figure 2: STEVAL-IDI003V2 circuit schematic (2 of 5)

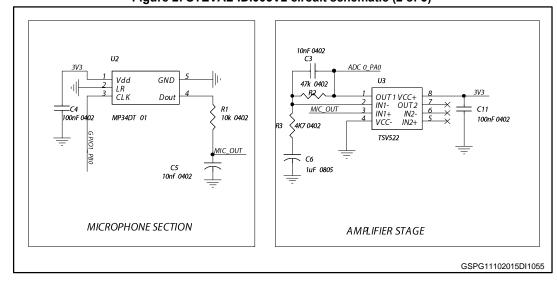


Figure 3: STEVAL-IDI003V2 circuit schematic (3 of 5)

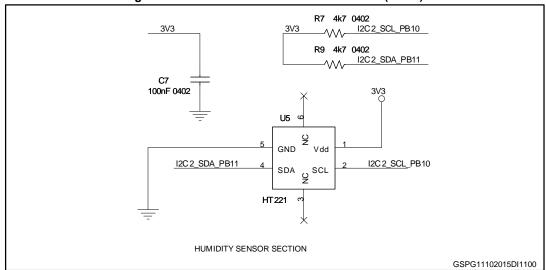
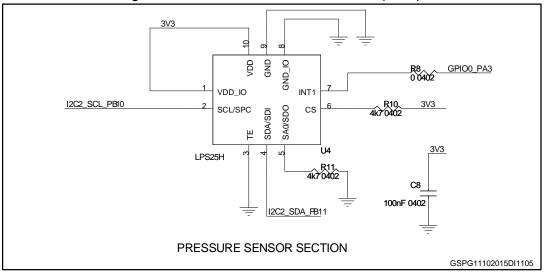


Figure 4: STEVAL-IDI003V2 circuit schematic (4 of 5)



ADC 1.PA1

OUT NC

APDS-9004

PHOTODETECTOR SECTION

J1

3V3

LEC 2.SCL.PB 10

ADC 1.PA1

SCR. 2.PB 10

ADC 1.PB 10

A

Figure 5: STEVAL-IDI003V2 circuit schematic (5 of 5)