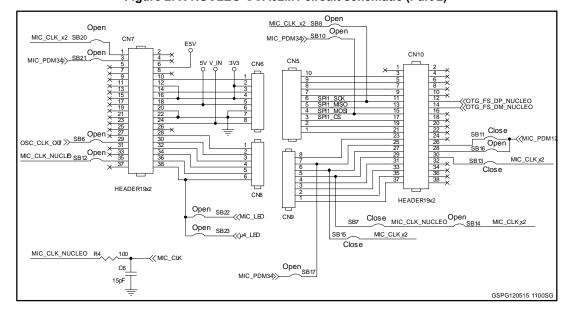
## X-NUCLEO-CCA02M1

## **Schematic diagram**

V\_USB U2 NC 8 MHz D1 VDD ON: 5V Expansion -> Nucleo (stream and power from Expansion USB) OFF: 5V generated on Nucleo. C4 OSC\_CLK\_OUT >> OUT GND STPS160A 100nF СЗ 2 NC 15pF E5V 3V3 R3 USBLC6-2SC6 U1 V\_USB **VBUS** USB SB1 OTG\_FS\_DM\_NUCLEO
OTG\_FS\_DP\_NUCLEO D3 Vbus D4 ESDA7P60-1U1M C5 D2 **GND** SH1 SH2 100nF × ID SH4 USB Mini-B GSPG1205151035SG

Figure 1: X-NUCLEO-CCA02M1 circuit schematic (Part 1)

Figure 2: X-NUCLEO-CCA02M1 circuit schematic (Part 2)



On-Board (OB) 3V3 MP34DT01-M 4 MIC\_PDM34\_ OB MIC\_PDM12\_OB MIC\_CLK >> 3 C2 C1 100 nF 100nF R R MIC\_PD MIC\_PU SB9 Open MIC\_PDM34\_OB MIC\_PDM12\_OB Mic Source Selector \_\_\_\_HEADER 3 MIC\_PDM12\_ OB MIC\_PDM12>> MIC\_PDM12\_E XT \_\_\_\_HEADER 3 MIC\_PDM34\_ OB MIC\_PDM34>>> MIC\_PDM34\_E XT GSPG1205151400SG

Figure 3: X-NUCLEO-CCA02M1 circuit schematic (Part 3)

Figure 4: X-NUCLEO-CCA02M1 circuit schematic (Part 4)

