**ES87210 CHIP ADDRESS**

- AD1=0, AD0=0
- AD1=0, AD0=1
- AD1=1, AD0=0
- AD1=1, AD0=1

**Addresses**

- 0x80 (8bit) / 0x40 (7bit)
- 0x82 (8bit) / 0x41 (7bit) (Default)
- 0x84 (8bit) / 0x42 (7bit)
- 0x86 (8bit) / 0x43 (7bit)

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**ADCF**

- Friday, July 28, 2023

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**Schematic Diagram**

- ADC connections
- AMIC X2 connections
- ESPRESSIF ESP32-S3-LCD-EV-Board-MB
NOTE:
1. IO19, IO20 cannot be used when USB function is running.
2. IO0 can only be used when system configuration is finished.
3. IO20, IO19, IO18 can only be used as I2C_SCL function.
4. IO8 can only be used as I2C_SDA function.
5. EX_OUT_IO0 cannot be used when PA_CTRL is used.
6. EX_OUT_IO1, EX_OUT_IO2, EX_OUT_IO3 cannot be used when SPI is from S3 IO or WS2812_CTRL is used.
7. IO18 can only be used as I2C_SCL function.