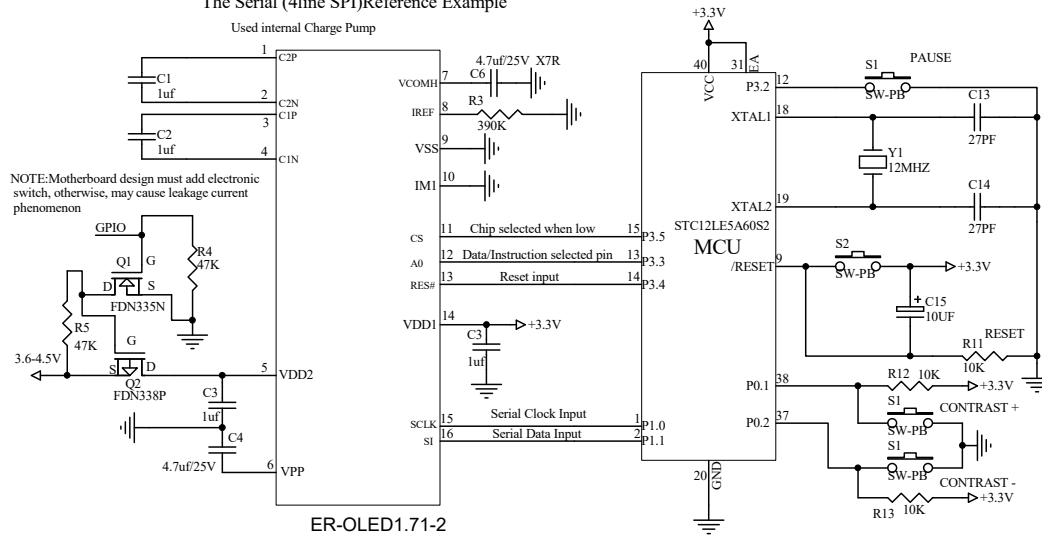


# Interfacing OLED Modules ER-OLED1.71-2 to the STC12LE5A60S2

## The Serial (4line SPI)Reference Example

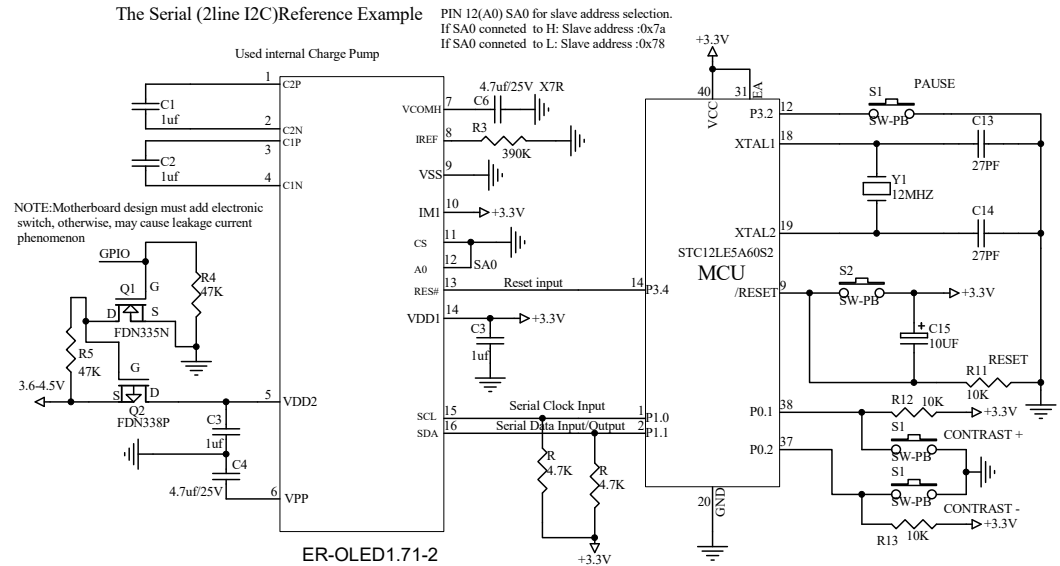
Used internal Charge Pump



ER-OLED1.71-2

## The Serial (2line I2C)Reference Example

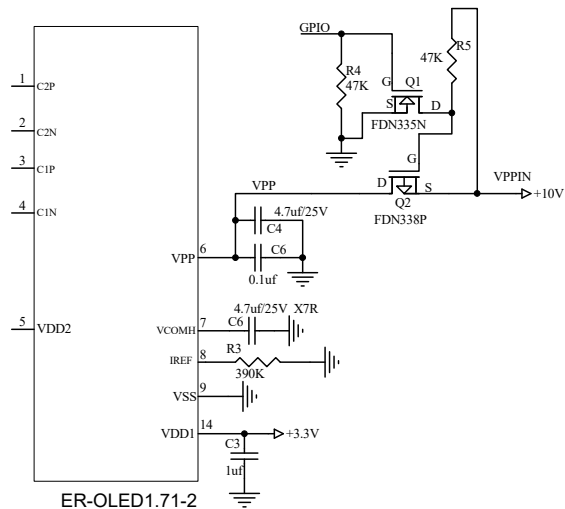
Used internal Charge Pump



ER-OLED1.71-2

VCC Supplied Externally(Don't use internal Charge Pump)

NOTE:Motherboard design must add electronic switch, otherwise, may cause leakage current



ER-OLED1.71-2

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| REV. | DESCRIPTION OF MODIFY | MODIFY BY | DATE        | Size  | Number               | Revision       |
|------|-----------------------|-----------|-------------|-------|----------------------|----------------|
| A0   | 1'ST DESIGN           | JYM       | Mar-25-2025 | A     | ER-OLED1.71-2 Series | A0             |
| A1   |                       |           |             | Date: | Mar-25-2025          | Sheet of 1     |
| A2   |                       |           |             | File  |                      | Drawn By Javen |