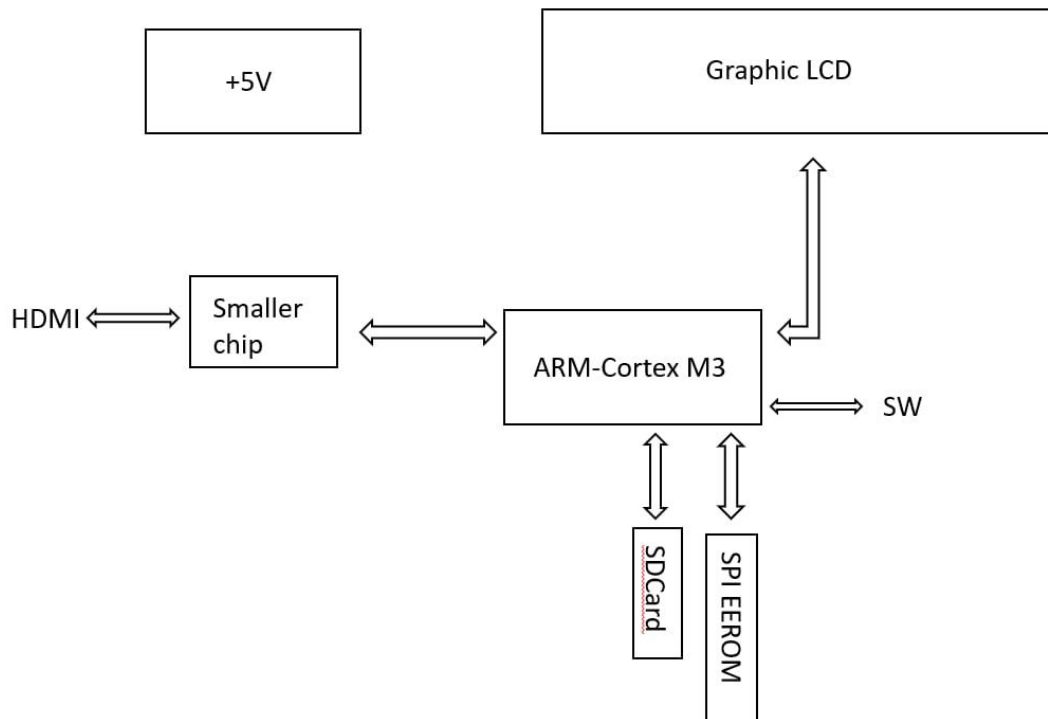


Topic: display the video on LCD with STM32f103

General idea: the device will take the video data from the SD card with SD card reader then transfer it to the processor, which is stm32. The solution to complete is to use the SPI to transfer data between the master and devices. The video will be transferred directly to the graphical LCD and being displayed.

Block diagram



Explanation: The clk of SD card tray connected to PA1 to receive clock signal from the chip. From PA1 to PA5 is use for the data path from DATA0 to DATA3 of the SD card receiver. The VSS connected directly to the ground. DB0 to DB7 is the data bus of the LCD and connect to PB0-PB7 to receive data from the chip. PA0 is used as a reset pin for the LCD screen. PB9 is used for read and write pin of LCD and PB11 is a instruction pin.