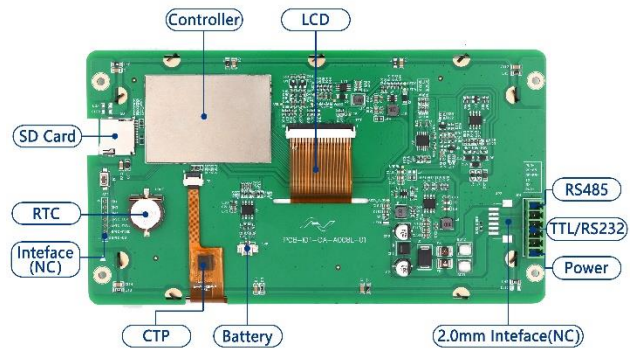# High Performance UART TFT Panel
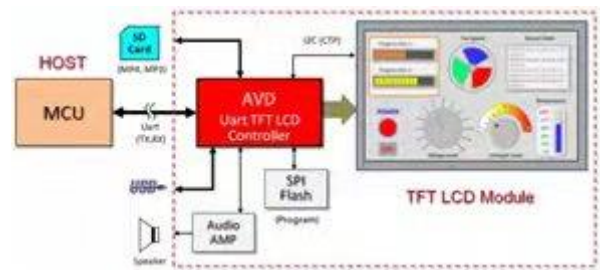
SDM-L368070CN-A0-S is high performance UART serial module with **7" Capacitive touch panel**, ARM 9 Core，and interior combined video decoding, audio decoding, TFT-LCD controller and communication protocol . The main function is to provide UART serial communication, so that the host MCU can easily transfer the content to be displayed to the TFT driver through simple command.

Feature

- Build-in ARM 9 core architecture, master frequency is up to 400MHz

- Embedded 128Mb Display RAM

- Build-in URAT communication, support diversified command

- Build-in H.263/264、MPEG1/2/4 decoding, support MP4 Video player, MP3 music player

- Support Picture Display, Loop Picture Display, PIP, GIF Animation Display, Geometric Graphic Display, QR Code creating, etc...

- Assortative UI-Editor software

- Support USB2.0/SD card, and Need SD loading content

- Defaulted 320*240 pixel resolution, support customized under 1280*720pixel(included)

- Defaulted 12V DC, support customized power input

- Defaulted 64Mb Flash storage, support customized storage

- Defaulted TTL/RS232 interface, support customized RS485 interface

- Defaulted RTC function, support optional

- Defaulted Capacitive Touch Panel, support customized Resistive Touch Panel

Application Block Diagram

Application Field

SDM-L368070CN-A0-S is ideal for application TFT-LCD electric product, especially for video playing, such as small appliances, smart appliances, industrial control panels, electronic instruments, medical equipment, and small inspection equipment.