

Operation Description

The product is Digital Photo Frame. Operation flowchart as below:

1. Power on, Photo Frame operation system have a reset signal, program start initialing, after initialing finish, TFT panel power up and display startup screen.
2. When insert media storage card, such as Compact Flash, the data from storage card through Data Bus send to operation system, after processing and display as image and video display on FT panel and audio playback.
3. Components on Main PCB operate under the control of Main System Chip.

Other peripheral parts list out below:

- a. SDRAM for data storage, it functions as a data storage buffer for data exchange from media storage card.
 - b. NOR FLASH for program storage, it keep system operation program
4. Power Supply:
Main PCB has +5V, +3.3V, +1.2V, +15V and -10V voltage
+5V for Audio usage, +3.3V for Main System Chip. +1.2V for System Core operation voltage. +15V and -10V for TFT panel.