## AiPi-DSL 2.4-inch screen test firmware use tutorial

AiPi-DSL (AiPi-DSL) is a screen drive development board designed by Ai-Thinker open-source team for the Ai-M61-32S module. It supports 2.8/3.5-inch 30Pin SPI display screens, 2.4/1.28-inch 18 pin SPI display screens.

This project is to realize the music player interface on the 2.4-inch display screen.



# 1. Burning firmware

### 1.1Serial port cable wiring

TTL TOOL	AiPi
3.3V	3.3V
TXD	RX
RXD	TX
GND	GND

### 1.2 Burning

Download burning tool: <u>click to download</u> Firmware: <u>click to download</u>

After the burning tool begins burning, first keep press the "download button" and then press the "reset button" and to release, then you can enter the burning mode.

The operation steps are performed as below:

🐮 Bouffalo Lab Dev Cube 1.8.3 - BL616/618	1				-	□ ×	
Eile View Help							
IOT MCU MFG							
Firmware Options				Basic Options			
partition table			Browse	Interface	Uart	-	
aes-encrypt key (16 bytes)	iv (16 byb	es)		Port/SN	COM35		
ecc-signature public key	Browse private ke	y .	Browse	Uart Rate	2000000		
Single Download Options							
✓ Enable 0x0	Software/cam_usb_web.bin		Browse	JLink Rate	1000		
				Refresh			
2. select COM port 1. click refresh					Clear		
				Log			
				Open Uart			
				Create & Download			
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**Note:** After the firmware is burned, you need to press the reset button for one time, then the program can be run.

# 2. Use steps

AiPi-DSL 2.4-inch screen music player Demo



#### 2.1 Instructions

The music player Demo has two interfaces: the homepage and the playlist page. The homepage mainly shows the singer's photo, the music beat animation and the basic music control buttons, and the playlist page mainly shows the names of all the songs.



### 2.2 Operating instruction

#### Homepage

Slide up can switch to the playlist page.



#### Playlist page

Drop-down interface can switch to the homepage, and click on the playlist to play on the home page.

