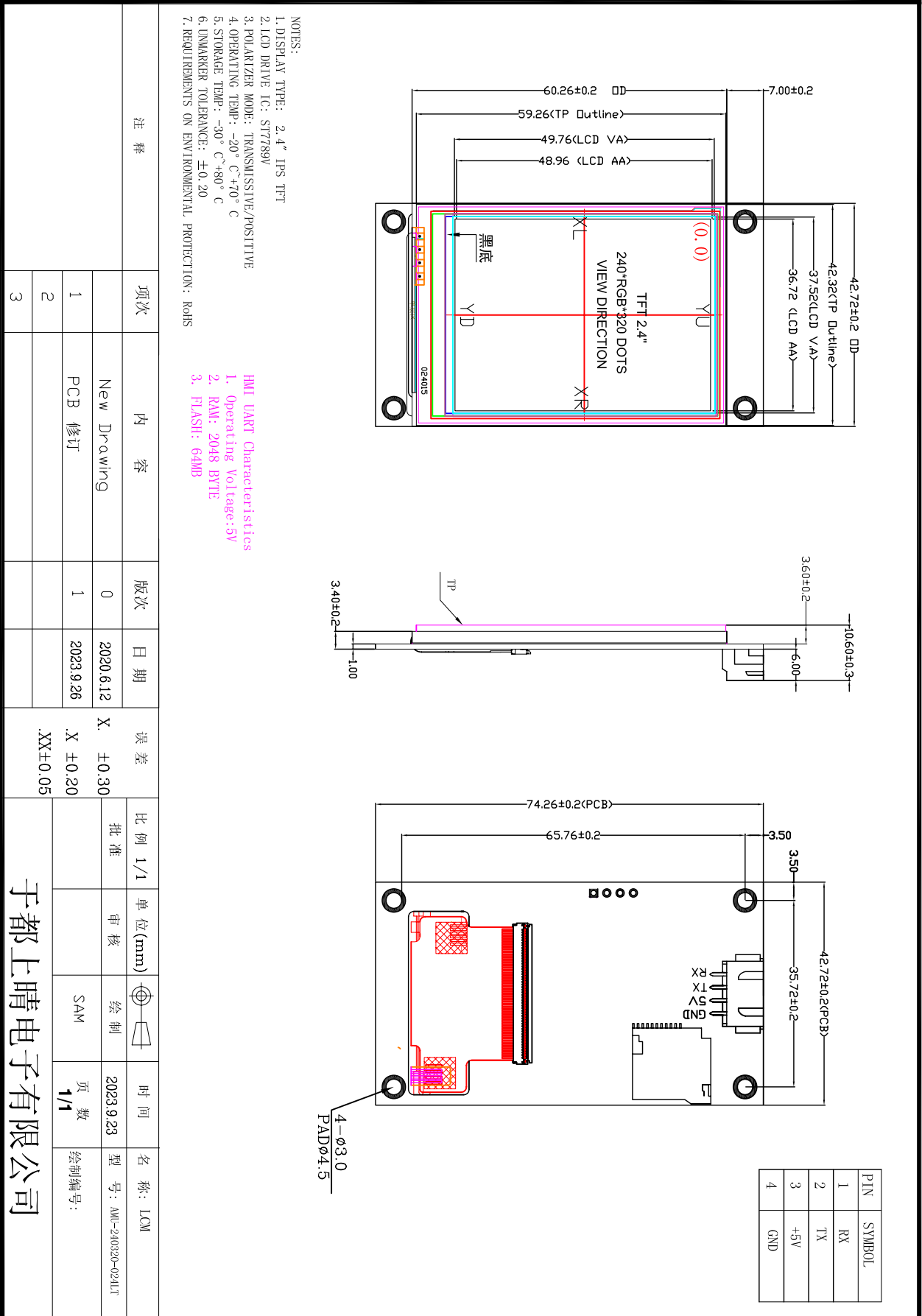




# Specification for Approval

**Customer:** \_\_\_\_\_

**Model Name:** AMU-240320-024LT-F



于都上晴电子有限公司

项次	内容	版次	日期	误差	比例	批准	单位(mm)	审核	绘制	时间	名称
1	New Drawing	0	2020.6.12	X. ±0.30	1/1					2023.9.23	型号: AMU-240320-024LT
2	PCB 修订	1	2023.9.26	X. ±0.20					SAM	页数: 1/1	绘制编号:
3				.XX±0.05							

## • General Information

ITEM	STANDARD VALUES
LCD type	2.4" TFT
colors	65K (65536)
Module size	74.26(L)X42.72(W)X4.6(H)
TFT Active area	48.96mm (L) × 36.72mm (W)
Dot arrangement	240(RGB) × 320
Touch Type	RTP
Back Light	LED
B/L Life Time	>30,000 h
Luminous Intensity for LCM	280 Cd/m <sup>2</sup>
Weight	TBD

## • DC Characteristics

ITEM	Test condition	MIN	TYP	MAX	Unit
Supply Voltage		4.75	5	7	V
operating current	VCC=+5V,	—	85	—	mA
	SLEEP Mode	—	20	—	mA

## • Operating temperature, Contents of Reliability Tests

ITEM	Test condition	MIN	TYP	MAX	Unit
temperature operating	5V	-20	25	70	°C
Temperature Storage	—	-30	25	85	°C
Humidity Operation	25°C	10%	60%	90%	RH

## • Interface parameter

ITEM	Test condition	MIN	TYP	MAX	Unit
serial baud rate	standard	-	115200	-	bps
Serial output level (TXD)	output 1, I <sub>out</sub> =1mA	3	3.2	—	V
	output 0, I <sub>out</sub> =-1mA	—	0.1	0.2	V
serial output level (RXD)	output 1, I <sub>out</sub> =1mA	2	3.3	5	V
	output 0, I <sub>out</sub> =-1mA	-0.7	0	1.3	V
UART configuration	Data bits: 8, Parity: None, Stop bits: 1				
Connector	XH-4P-2.54				
SD interface	(FAT32 file format) maximum support 2G MicroTF				



**• Memory parameter**

Memory type	parameter	MIN	TYP	MAX	Unit
FLASH Memory	Image storage space	—	64	—	M-bit

**Note: For more information about the programming, please refer to the Command Instruction.**