

8

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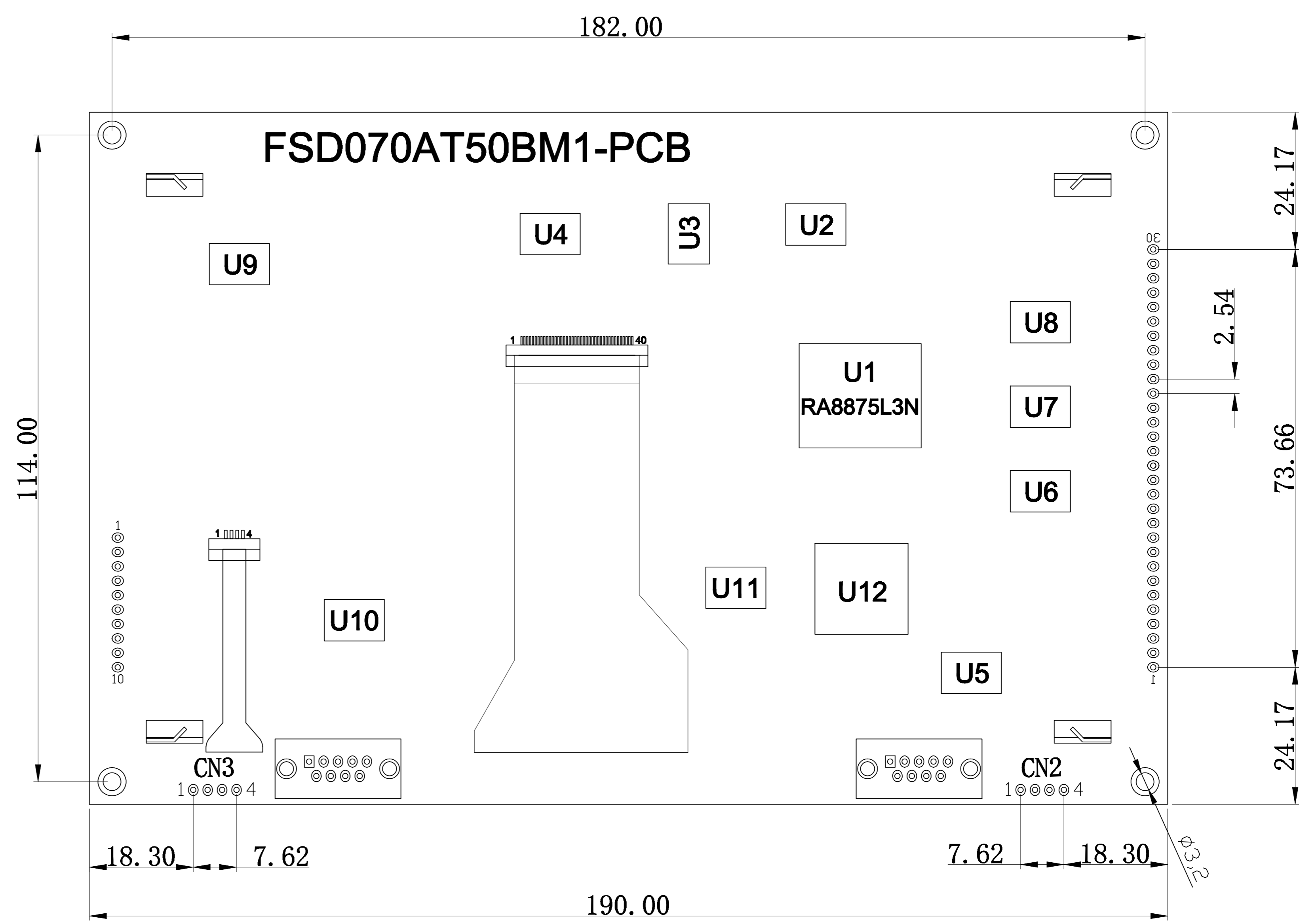
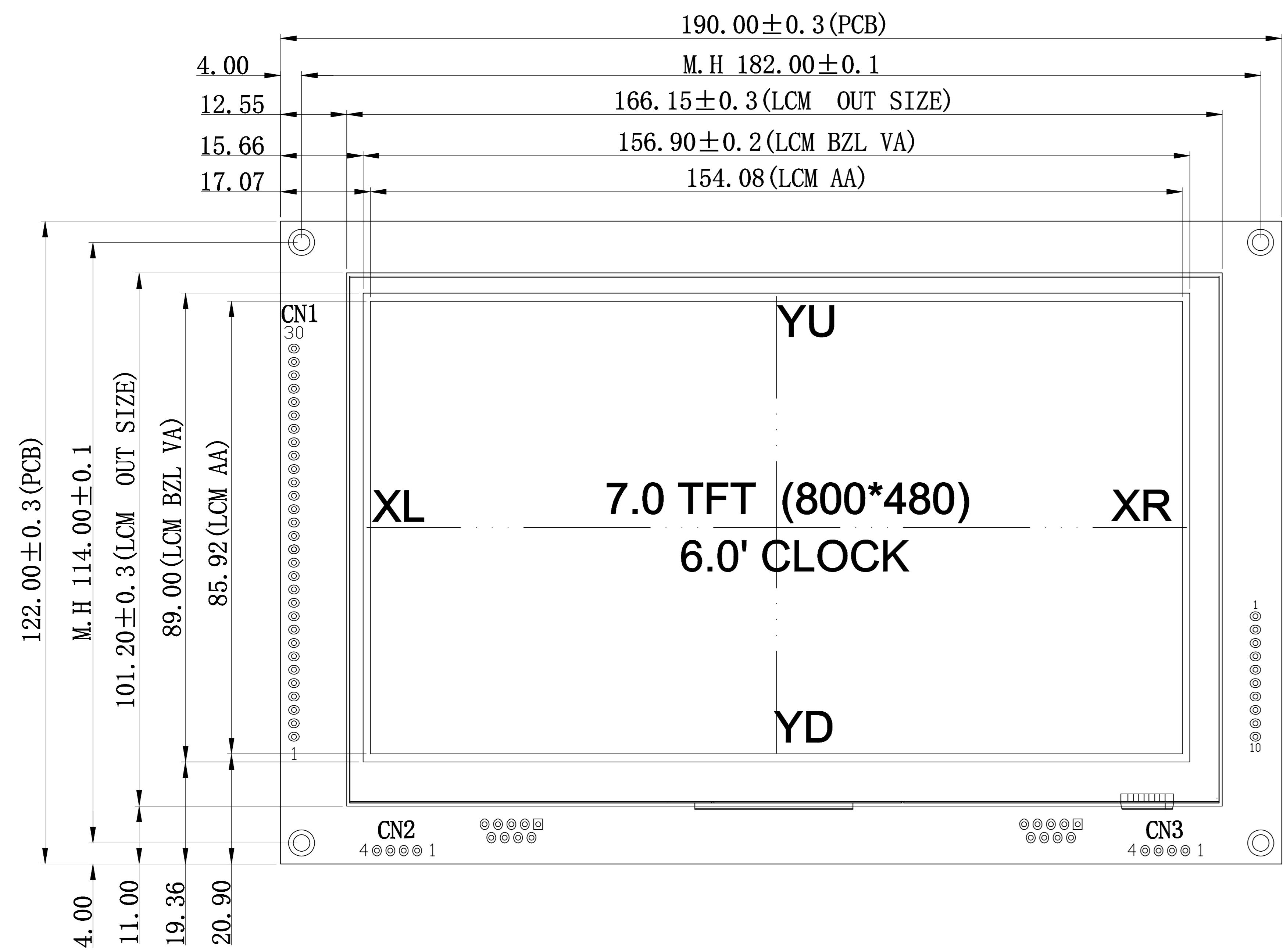
4

3

2

1

REV:	DESCRIPTION:	BY	DATE
A0	First Design	JSW	2015-03-20



CN1

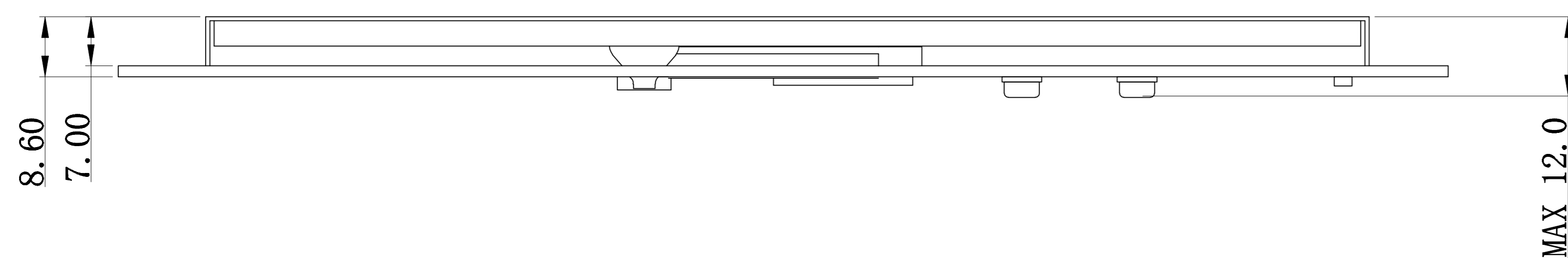
Pad No.	Pad Name
1	VSS
2	VDD
3	NC
4	RS
	SDI
5	/WR
	SDO
6	/RD
	SCL
7	CS1
	SCS
8	NC
9	BUSY
10	INT
11	/RST
12~19	D0~D7
20	NC
21	LEDA
22	LEDK
23~30	D8~D15

CN2

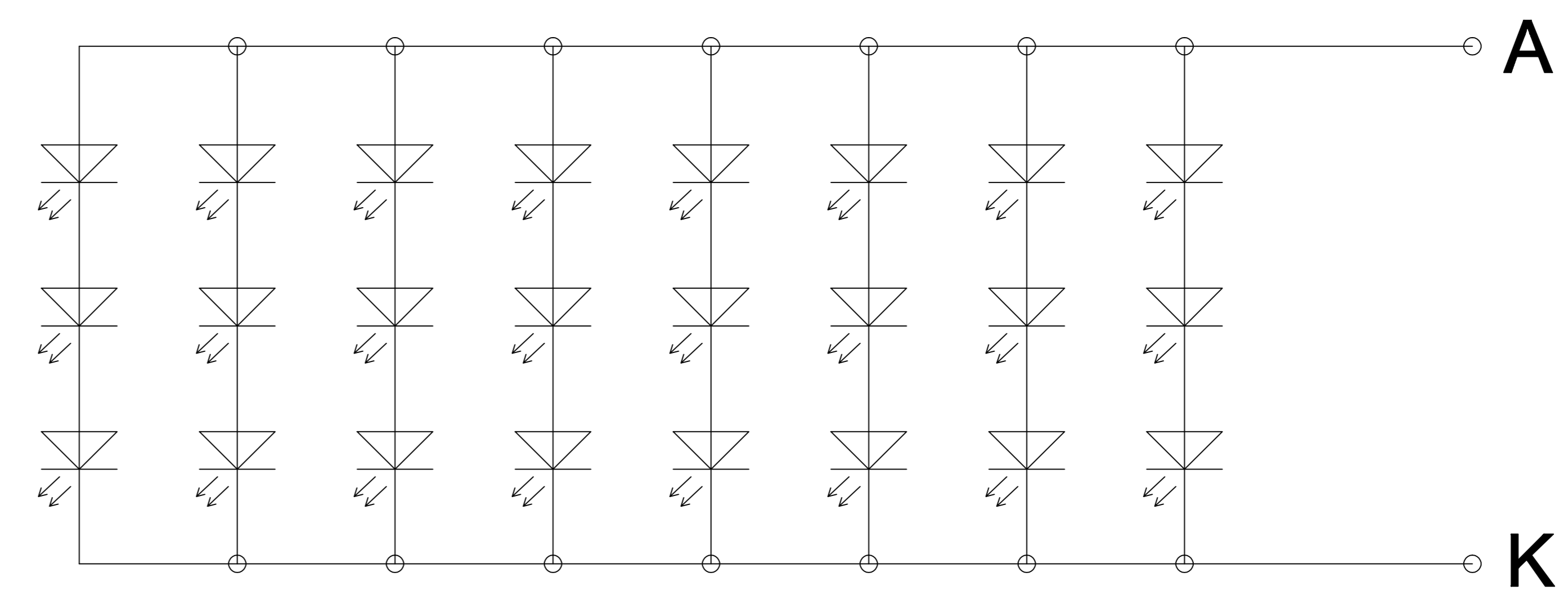
1	GND
2	VDD
3	RXD
4	TXD

CN3

1	GND
2	VDD
3	RXD2
4	TXD2



LED CIRCUIT



No.	Item	Specification	Unit
1	LCM Design	7.0TFT+RTP+PCBA	-
2	Number of Pixels	800(W)x3(RGB)x480(H)	pixels
3	Active Area	154.08(H)x85.92(V)	mm
4	Outline Dimension	190.00(W)x122.00(H)x12.0(T)	mm
5	Display Mode	Normally white TN,Transmissive	-
6	Viewing Direction	6 O'clock	-
7	Display Color	16.7M	-
8	Contrast Ratio	500(TYPE)	-
9	Backlight	White LED(3*8)	-
10	Luminance(cd/m2)	350(MIN)	cd/m2
11	Operation Temp.	-20~70 °C	°C
12	Operation Current	750 mA @ 5.0V	mA
13	Interface	8/16bit,3/4Wire SPI,I2C,TTL UART,RS232,RS485	-
14	Download Port	NC	-
15	External Interface	I2C, 3-Wire SPI,MCU Interface	-

UNLESS OTHERWISE NOTED:		DRAWING TYPE: MCU	REV: A0
UNITS	DECIMAL	DRAWING No.: FSD070AT50BM1-T01	
	OVER INCLUDING	CHECKED BY: _____ DATE: _____	
MM	0 TO 6 ±0.1 6 TO 30 ±0.2 30 TO 100 ±0.3	THIRD ANGLE PROJECTION	
ANGLES	PLATED THRU HOLES +0.08 -0.03	SCALE 1 : 1 SHEET: 1 OF 1	
±0.5°	NON-PLATED THRU HOLES +0.08 -0.03		

D

C

B

A

A

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1