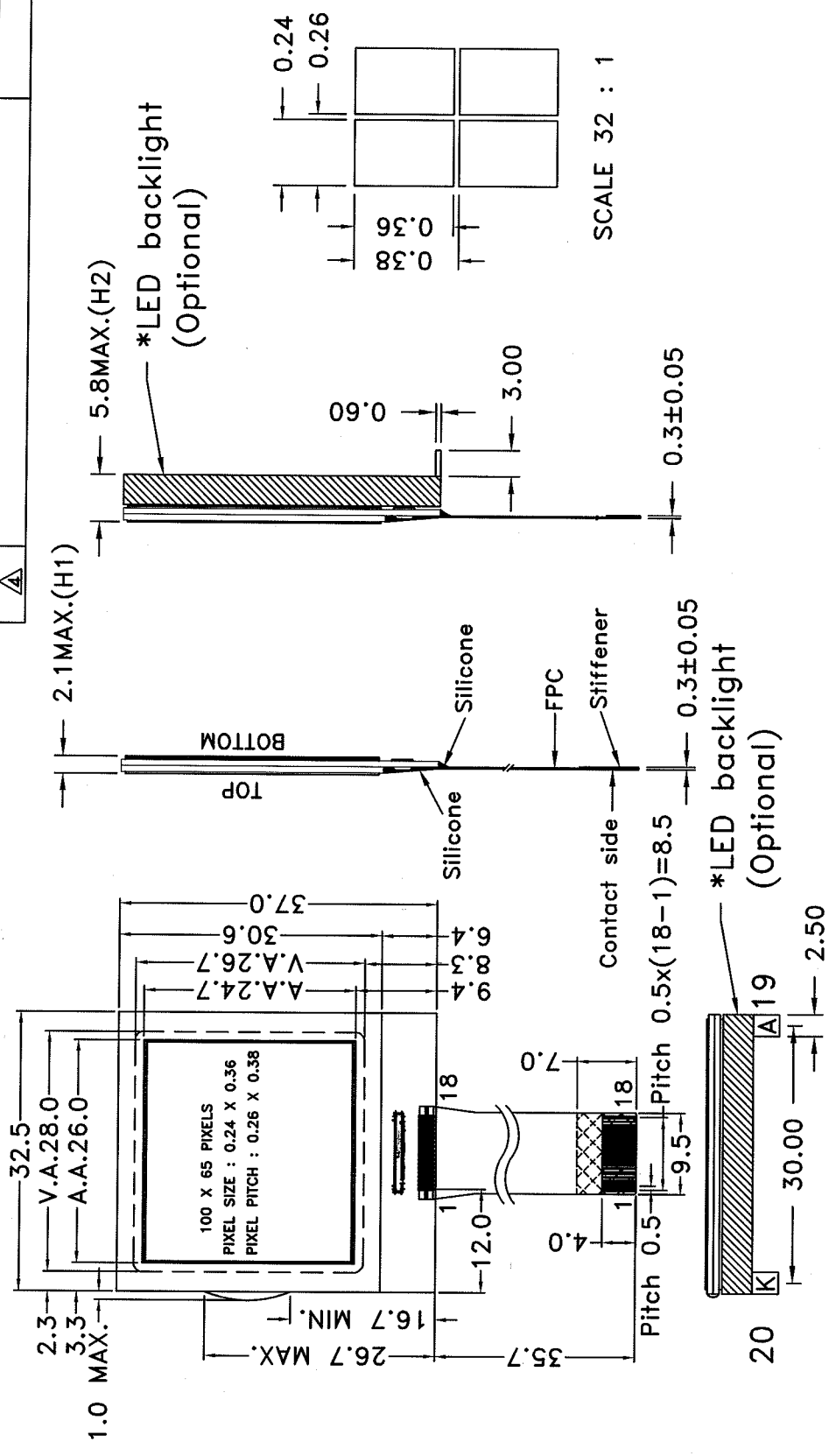
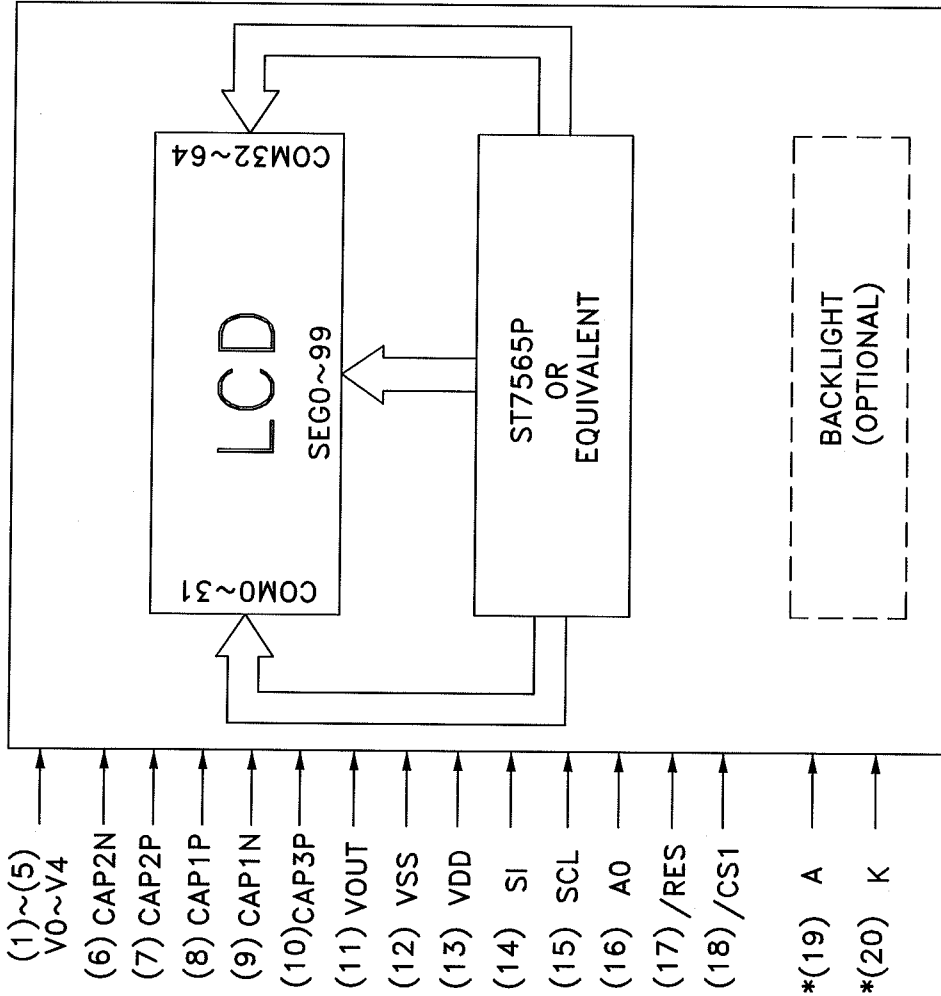


MARK	REASON	PREPARED	DATE
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TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE NOT ON SCALE	UNIT IN mm	CLOVER CHINA DISPLAY (SHENZHEN) LTD.		SHEET 1 OF 3
REV. 00	REVISION RECORD 1st ISSUE	DATE 06 MAR 12	CUSTOMER STANDARD	APPROVED	MODEL NO. ZCG10065M	TITLE: DIMENSION
			AGENT	APPROVED	DRAWN BY: LINSHAO	DATE : 06 MAR 12
			CUSTOMER REF.	OUR REF. ZX90001X	CHECKED BY : LinShao	DATE : 06 MAR 12
					APPROVED BY: <i>LinShao</i>	DATE : 6/3/12



PIN NUMBER	SYMBOL	FUNCTION
1	V0	Supply voltage for LCD
2	V1	
3	V2	
4	V3	
5	V4	
6	CAP2N	Booster terminal
7	CAP2P	
8	CAP1P	
9	CAP1N	
10	CAP3P	
11	VOUT	Ground
12	VSS	
13	VDD	
14	SI	
15	SCL	
16	A0	Data/Command select pin
17	/RES	Reset
18	/CS1	Chip select signal
*19	A	Voltage supply for backlight (VE+)
*20	K	Voltage supply for backlight (VE-)

*NOTE: Pin19,20 are used for backlight version

TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE NOT ON SCALE	UNIT IN mm	CLOVER CHINA DISPLAY (SHENZHEN) LTD.		SHEET 2 OF 3
REV.	REVISION RECORD	DATE	CUSTOMER	APPROVED	MODEL NO.	ZCG10065M
00	1st ISSUE	06 MAR 12	STANDARD	APPROVED	TITLE:	PINOUT & BLOCK DIAGRAM
			AGENT		DRAWN BY:	LINSHAO DATE :06 MAR 12
			CUSTOMER REF.		CHECKED BY:	LINSHA DATE :06 MAR 12
					OUR REF.	ZX90001X
					APPROVED BY:	<i>[Signature]</i> DATE :B/B/r

1.General specification

Display mode : 100 x 65dots, Graphic COG LCD module
 Interface : Serial
 Driving method : 1/65 duty , 1/9 bias

2.Electrical specification

Supply voltage for logic(VDD) : 3.3V
 Input Voltage for LCD (Vlcd) : 12.0V (Generated by build-in booster)

3.Mechanical specification

Dot size : 0.24(L)x0.36(W)
 Dot pitch : 0.26(L)x0.38(W)
 Viewing area[mm] : 28.0(L)x26.7(W)
 Module dimension[mm] : 32.5(L)x37.0(W)x2.1(H1)(no backlight)
 Module dimension[mm] : 32.5(L)x37.0(W)x5.8MAX.(H2)(for backlight)

4.Backlight specification

Backlight type : Side-lited LED backlight
 Backlight voltage : 3.3V@40mA
 Backlight color : White/Blue/Orange

TOLERANCE IF NOT SPECIFY ±0.5mm		SCALE NOT ON SCALE	UNIT IN mm	CLOVER CHINA DISPLAY (SHENZHEN) LTD.		SHEET 3 OF 3
REV.	REVISION RECORD			CUSTOMER	MODEL NO.	ZCG10065M
00	1st ISSUE		DATE 06 MAR 12	APPROVED	TITLE:	SPECIFICATION
				AGENT	DRAWN BY:	LINSHAO DATE :06 MAR 12
				CUSTOMER REF.	CHECKED BY:	LinShao DATE :06 MAR 12
					APPROVED BY:	LinShao DATE :06 MAR 12