

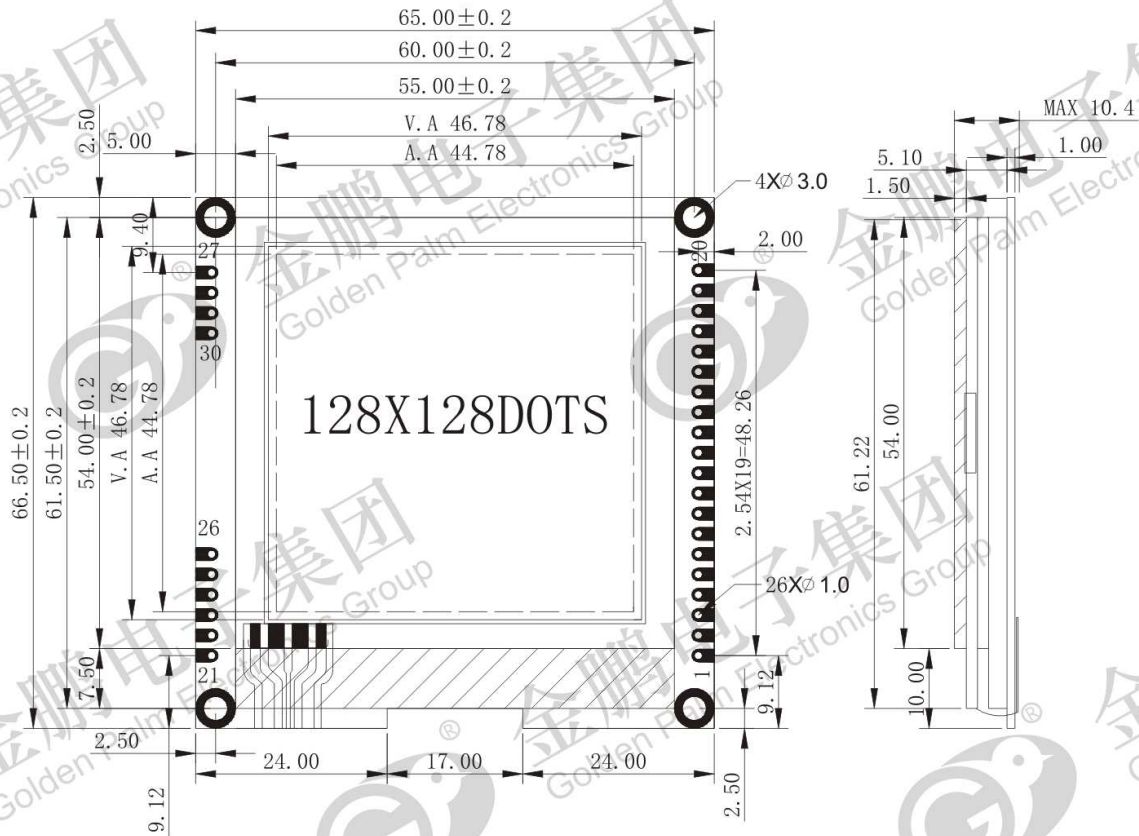


OCM128128-2

Chu Mo V3.4
128x128 dots

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ABSOLUTE MAXIMUM RATINGS

Item	symbol	Min	Max.	Unit
Supply Voltage(Logic)	VDD	-0.3	3.3	V
Supply Voltage(LCD)	Vo-Vss	-0.3	17.0	V
Input Voltage	VIN	-0.5	VDD+0.5	V
Operating Temp.	Topr	-20	70	°C
Storage Temp.	Tstg	-30	80	°C

MECHANICAL DATA

Item	Nominal Dimensions	Unit
Module Size(W X H X T)	65.0X66.5X8.0	mm
Viewing Area(W X H)	46.78X46.78	mm
Dot Pitch(W X H)	0.35X0.35	mm
Dot Size(W X H)	0.33X0.33	mm

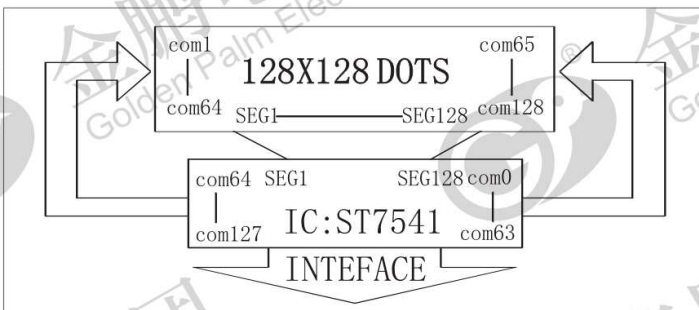
ELECTRICAL CHARACTERISTICS (VDD=1.8Vto3.3V)

Item	symbol	Test Condition	Min.	Typ.	Max.	Unit
Input High Voltage	VIHC	--	0.7VDD	--	VDD	V
Input Low Voltage	VILC	--	VSS	--	0.3VDD	V
Output High Voltage	VOHC	--	0.7VDD	--	VDD	V
Output Low Voltage	VOLC	--	VDD	--	0.3VDD	V
Supply Current	Iss	--	--	1	1.5	mA

LED BACKLIGHT SPECIFICATIONS (Ta=25°C)

Item	symbol	Typ.	Max.	Unit
Forward Voltage	Vf	3.1	3.3	V
Forward Current	If	45	--	mA

BLOCK DIAGRAM



PIN CONNECTIONS

Pin	Symbol	Level	Function
1	VSS	--	GND
2	VDD	--	Supply voltage for Logic
3	VO	--	NO Connection
4	AO	H/L	H:display data L:Control data
5	RWWWR	H/L	6800-series(RW):H-read L-write 8080-series(/WR):Active Low
6	ERD	H/L	6800-series(E):Enable signal 8080-series(/WR):Active Low
7-14	DB0-DB7	H/L	Data Bus Line
15	CSB	H/L	Chip select signal
16	Ps1	H/L	Ps1=H:6800 series Parallel mpu interface Ps1=L:6800 series Parallel mpu interface
17	/RST	L	Reset signal, Active Low
18	VEE	--	GND
19	LED+	--	LED Backlight power Supply
20	LED-	--	LED Backlight power Supply
21	DCLK	H/L	exterior clock input
22	/CS	L	Chip select signal
23	DIN	H/L	serial data input
24	BUSY	H/L	H:Busy L:Ready for input
25	DOUT	H/L	serial data output
26	/INT	L	Interruption output port