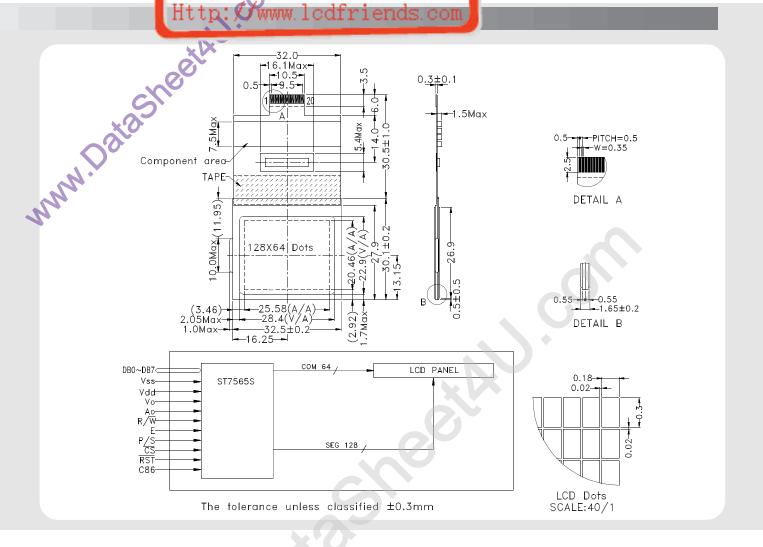
RF12864-A

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Features:

Resolution: 128S*64C Dots

• Duty ratio:1/64

CLCD option: STN, FSTN

Backlight option(H2/H1mm): None(-/1.7)

Controller IC:ST7565S

COF Process

Pin Assignment							
Pin No.	Symbol	Function					
1	VSS	Power supply (GND)					
2	VDD	Power supply (+)					
3	/CS	Chip select					
4	/RST	Reset					
5	A0	Control/display data input					
6	R/W	8080 write; 6800 read/write					
7	E	8080 read; 6800 enable					
8~15	DB0~DB7	Data bus					
16	Vo	Contrast adjust					
17	C86	CPU mode 6800/8080 select					
18	P/S	Parallel/serial select					
19	NC	No connection					
20	NC	No connection					

Absolute Maximum Rating												
Item	Symbo	ol Conditi	Condition		Min.		Max.		Units			
Supply for logic voltage	Vdd-Vs	ss 25°C	25°C		2.0		5.5		٧			
LCD driving supply voltage	Vdd-Ve	ee 25°C	25°C		-4.0		-13.0		V			
Input Voltage	Vin	25°C	C -().3 V		/dd+0.3		V			
Electrical Characteristics												
Item	Symbol	Condition	M	lin.	ı. Typica		l Max.		Units			
Power supply voltage	Vdd-VSS	25°C	1.8		3.0		3.3		V			
	Vop	Тор	Ν	W	N	W	N	W	V			
		-20°C	-	10.3	-	10.5	Ø	10.7	V			
LCD operation voltage		0°C	-	-	50	V) -	-	V			
LOB operation voltage		25°C	-	9.8		10.1	-	10.2	٧			
		50°C	-			-	-	-	٧			
		70°C		7.9	-	8.1	-	8.3	V			
LCM current consumption (No B/L)	ldd	Vdd=3.0V	<u>O-</u>		0.3		0.6		mA			
Eom carron concumption (No B/E)	-		-		_		-		mA			
Backlight current consumption	-	4.	-		-		-		mA			