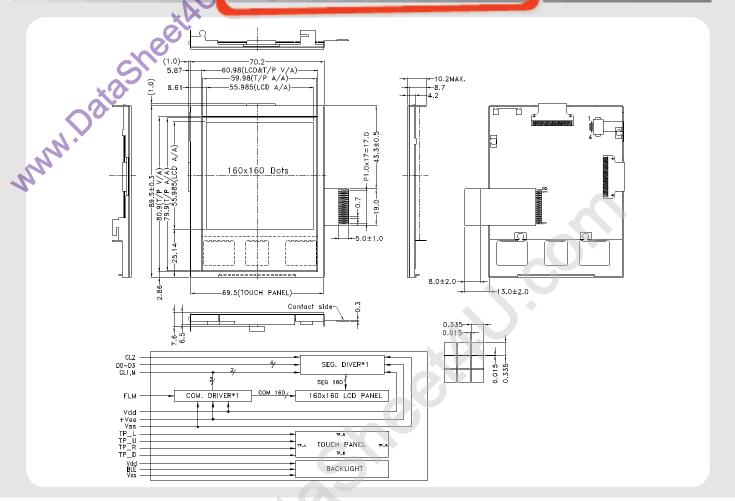
RE160160-001-I

波晶之友 电话: 020-33819057 Http://www.lcdfriends.com

OKAYA



## Features:

Resolution: 160S\*160C Dots

Duty ratio: 1/160 LCD option: FSTN

Backlight option(H2/H1mm): EL(6.5/10.2)

PDA Solution EL Driver IC built-in Touch panel built-in

## Optional:

TDF film version available

The icon of membrane can be modified by requested

Absolute Maximum Rating

Pin Assignment									
Pin No.	Symbol	Function							
1	Vss	Power supply (0V)							
2	FLM	Frame pulse							
3	CL1(LP)	Line pulse							
4	CL2(SCP)	Shift clock							
5	М	Frame reverse signal (Alternate signal)							
6	VDD	Power supply voltage for logic.							
7	BLE	Backlight ON/OFF control,HIGH enable.							
8	VEE	Power supply voltage for LCD (+V)							
9	D3	Data Display							
10	D2	Data Display							
11	D1	Data Display							
12	D0	Data Display							
13	TP_L	Touch Panel Pin Output Left							
14	TP_U	Touch Panel Pin Output Up							
15	TP_R	Touch Panel Pin Output Right							
16	TP_D	Touch Panel Pin Output Down							
17	VSS	Power supply (0V)							
18	VSS	Power supply (0V)							

Symbo	ol Conditi	Condition		Min.		Max.		Units			
Vdd-Vs	ss 25°C	25°C		-0.3		7.0		V			
Vee-Vs	ss 25°C	25°C		-0.3		30.0		V			
VIN	25°C	25°C -		0.3		Vdd+0.3		V			
Electrical Characteristics											
Symbol	Condition	Min.		Typical		Max.		Units			
Vdd-Vss	25°C	25°C 2.7		3.0		3	.3	V			
VOP	Тор	N	W	N	W	N	W	٧			
	-20°C	-	-	- 2	20.6		-	V			
	0°C	-	-	-		) -	-	V			
	25°C	-	-	X	19.0	-	-	V			
	50°C	-		9	-	-	-	V			
	70°C	-14	O	-	17.0	-	-	V			
ldd	Vdd=3V	<b>7</b>		20		-		mA			
lee	Vee=19.0V	e=19.0V -		1.0		-		mA			
EL	. 1-1 -	-		-		-		mA			
	Vdd-Vs Vee-Vs VIN Ctrical Symbol Vdd-Vss VOP	Vdd-Vss 25°C   Vee-Vss 25°C   VIN 25°C   ctrical Characte Symbol Condition   Vdd-Vss 25°C   Top -20°C   0°C 25°C   50°C 70°C   Idd Vdd=3V   Iee Vee=19.0V	Vdd-Vss 25°C   Vee-Vss 25°C   VIN 25°C   ctrical Characteris   Symbol Condition M   Vdd-Vss 25°C 2   Top N -20°C -   -20°C - -   50°C - -   50°C - -   70°C - -   Idd Vdd=3V -   lee Vee=19.0V -	Vdd-Vss 25°C -0   Vee-Vss 25°C -0   VIN 25°C -0   ctrical Characteristics Symbol Condition Min.   Vdd-Vss 25°C 2.7   Top N W -20°C -   -20°C - -   25°C - -   25°C - -   50°C - -   70°C - -   Idd Vdd=3V -   Iee Vee=19.0V -	Vdd-Vss 25°C -0.3   Vee-Vss 25°C -0.3   VIN 25°C -0.3   ctrical Characteristics Symbol Condition Min. Typ   Vdd-Vss 25°C 2.7 3.   Top N W N   -20°C - - -   25°C - - -   50°C - - -   70°C - - -   Idd Vdd=3V - 20   Ide Vee=19.0V - 1.	Vdd-Vss 25°C -0.3   Vee-Vss 25°C -0.3   VIN 25°C -0.3   Vstrical Characteristics   Symbol Condition Min. Typical   Vdd-Vss 25°C 2.7 3.0   Top N W N W   -20°C - - - - -   VOP 25°C -	Vdd-Vss 25°C -0.3 7.0   Vee-Vss 25°C -0.3 30.   VIN 25°C -0.3 Vdd+   ctrical Characteristics   Symbol Condition Min. Typical M   Vdd-Vss 25°C 2.7 3.0 3   Top N W N W N W N N N   -20°C - - - 20.6   0°C - - - - -   50°C - - - - - -   50°C - - - - - - - - -   Idd Vdd=3V - 20 -	Vdd-Vss 25°C -0.3 7.0   Vee-Vss 25°C -0.3 30.0   VIN 25°C -0.3 Vdd+0.3   ctrical Characteristics   Symbol Condition Min. Typical Max.   Vdd-Vss 25°C 2.7 3.0 3.3   Top N W N W N W N W N W N W N W N W N W N W N W   -20°C - - - - -   VOP 25°C - - - - - -   50°C - - - - - - -   50°C - - - - - - -   1dd Vdd=3V - 20 - <td< td=""></td<>			