AF-12896A2

•128x96 dots 1/96 Duty

FEATURE

1.Dual Panel LCD module for mobile phone application.

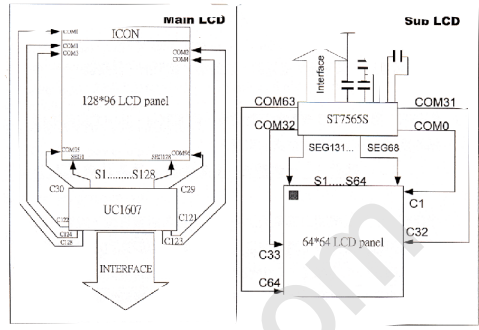
2.Construction : Main & Sub LCD COF module, Main & Sub EL Panel, EL driver, SPEAKER (JNR-2014C) and FPCB.

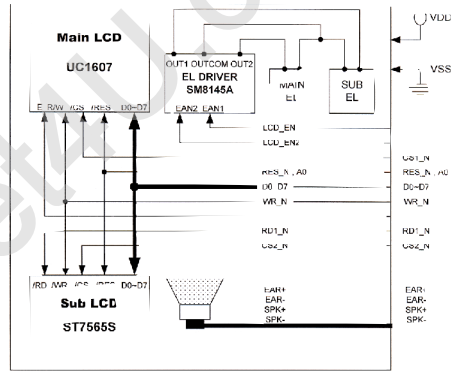
3.Main LCD : Graphic 128x96 dots with ICON, 1/96duty.
FSTN, Transflective, Positive , 6 oclock view .
LCD Driver:UC1607 with 4 gray scale function
8 bit Motorola 6800 interface

4.Sub LCD : Graphic 64x64 dots, 1/9 bias
FSTN, Transflective, Positive , 6 oclock
LCD Driver:ST7565S
8 bit Intel 8080 interface

5.Extend temperature type.

BLOCK DIAGRAM & POWER SUPPLY





ELECTRICAL CHARACTERISTICS

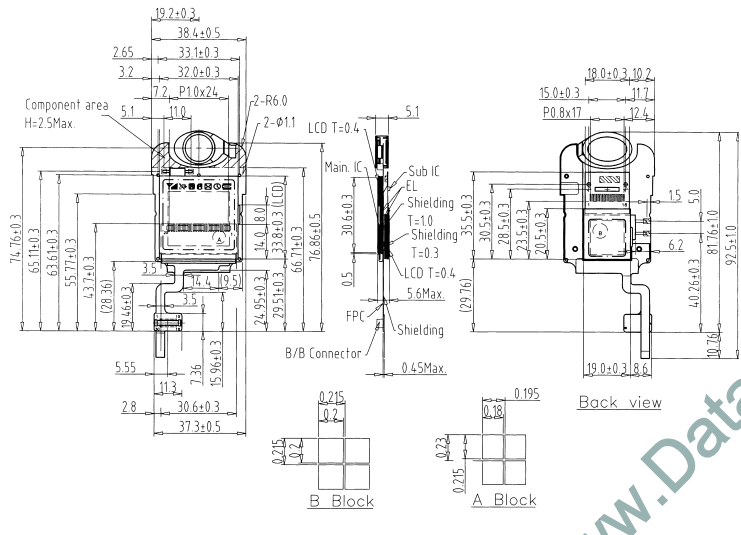
Parameter		Symbol	Condition	Typ Value	Unit.
LCD Driving Voltage	Main LCD	VLCD-VSS	25°C	12.5	V
	Sub LCD	V5-VDD	25°C	9.5	
Supply Current	EL Off	IDD	VDD=2.80V	0.9	mA
EL driver Current	Both EL ON	IDD	VDD=2.8V	20.5	

Main LCD

1	2~9	10	11	12	13	14	15	16	17	18
NC	D0~D7	/RST	/CS	CD	R/W	E	VSS	VDD	VB0-	VB1-
19	20	21	22	23	24	25				
PS0	PS1	VB1+	VB0+	LCD_OUT	LCD_IN	NC				

Sub LCD

1	2	3	4	5	6	7	8	9	10	11
NC	/CS1	/RES	A0	/RW	RD	D0	D1	D2	D3	D4
12	13	14	15	16	17	18				
D5	D6	D7	VDD	VSS	C86	NC				



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