BOLYMIN

BP12864C

Feature

1. TAB IC, TCP package
2. Built-in controller KS0713(S6B1713)
3. +2.4~+3.6V power supply
4. 1/65 duty cycle
5. On chip LCD booster and temperature compensation
6. Option: LED edge B/L, EL B/L
7. Option: Touch Panel
8. Serial or Parallel interface

Foldable

Mechanical Data

Item	Standard Value	Unit
Module Dimension	56.0 x 42.5	mm
Viewing Area	52.0 x 33.5	mm
Dot Size	0.35 x 0.4	mm
Dot Pitch	0.37 x 0.42	mm

Pin Assignment

Pin	Symbol	Pin	Symbol	Pin	Symbol
1	NC	17	C3-	36	E_RD
2	TEMPS	18	C3+	37	RW_WR
3	INTRS	19	Vout	38	RS
4	HPM	20	Vdd	39	RESETB
5	DCDC5B	21	Vss	40	CS2
6	BSTS	22	PS	41	CS1B
7~11	V4 - V0	23	MI	42	DISP
12	VR	24	CLS	43	CL
13	C2-	25	MS	44	M
14	C2+	26	DUTY1	45	FRS
15	C1-	27	DUTY0	46	NC
16	C1+	28~35	DB7 - 0		

Electronic Characteristics

Item	Symbol	Condition	Typical Value	Unit
Input Voltage	Vdd	Vdd = +3.3V	3.3	V
Supply Current	Idd	Vdd = +3.3V	500	µA
LCD Driving Voltage	Vo-Vss	25°C	8.5	V
EL Power Supply Current	VEL	400Hz	110	VAC

Dimension