RoHS

Mechanical Drawing

9±0.2
P1.0x(8−1)=7
0.7
0.3 Max
CONDUCTOR — STIFFENER
6
4
1   8
30±3
8
23.5
17.5
14.5 V.A
11.49 A.A

3.545
2.945
0.6
0.545
0.7
0.645

| 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 |
| 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 |

6
6
5.945
5.545

DOTS SIZE

1.5
3
27.76 A.A
32 V.A
36
0.8
0.7
1.9 Max

Vext ≧ V0   VCC (2.7~ 5.5V)

VOUT   VDD
VIN
CAP1P
CAP1N

Vcc (2.7~ 3.5V)

0.1uf~1uf

VIN   VDD
VOUT
0.47uf~2.2uf
CAP1P
CAP1N

Interface		
Pin no	Symbol	Function
1	RST	Enternal reset pin
2	SCL	H/L Register select signal
3	SDA	Chip select (Low active)
4	VSS	Power supply (GND)
5	VDD	Power supply(+)
6	CAP1+	For voltage booster circuit(VDD-VSS)
7	CAP1-	External capacitor about 0.1u~4.7uf
8	VOUT	DC/DC voltage converter. Connect a capacity between this terminal and VDD when the built-in booster is used.

Feature			
Controller	ST7032I	Module	36.0 x 23.5
Duty	1/16 duty	Viewing Area	32.0 x 14.5
Bias	1/4 bias	Mounting hole	-
B/L	NO	Character Size	2.945 x 5.545

Absolute Maximum Rating					
I tem	Symbol	Condition	Min	Max	Units
Supply for logic voltage	Vdd-Vss	25°c	-0.3	7	V
LCD driving supply voltage	Vdd-Vss	25°c	-0.3	13	V
Input voltage	Vin	25°c	-0.3	Vdd+0.3	V

Electrical Characteristics						
Item	Symbol	Condition	Min.	Typ.	Max.	Units
Power supply voltage	Vdd-Vss	25°c	2.7	-	4.5	V
LCD operation voltage	Vop	25°c	-	4.8	-	V