

Feature		Specification	Unit	Drawing																																																																	
Dispaly Spec	Brand		-																																																																		
	Size	2.3	inch																																																																		
	Resolution	320*240	dots																																																																		
	Pixel Pitch	0.146(H)*0.146(V)	mm																																																																		
	Display Mode	TN/NW	-																																																																		
	Viewing Direction	6	O'clock																																																																		
	Grayscale Direction	12	O'clock																																																																		
Luminance	290	cd/m ²																																																																			
Mechanical Characteristics	LCM(W*H*D)	50.60*44.30*2.30	mm	<p>320 (RGB) X 240 2.3" TFT Viewing Direction: 6:00</p> <p>电磁膜</p> <p>27.20±0.5</p> <p>44.30 BL</p> <p>41.66 TFT</p> <p>35.06 A.A (19.80)</p> <p>0.77</p> <p>2.27</p> <p>(25.30)</p> <p>50.60 BL</p> <p>49.75 TFT</p> <p>46.75 LCD</p> <p>0.43</p> <p>(1.93)</p> <p>2-R0.50</p> <p>2.30±0.1</p> <p>FRONT</p> <p>BACK</p> <p>12.30±0.5</p> <p>20.70±0.5</p> <p>40.70±0.5</p> <p>Contact side</p> <p>Stiffener Pi</p> <p>0.20±0.03</p>																																																																	
	Active Area(W*H)	46.75*35.06	mm																																																																		
	With/Without TP	Without TP	-																																																																		
	LED Numbers	4P-LED	pcs																																																																		
	Operation Temp.	-20~+70	°C																																																																		
	Storage Temp.	-30~+80	°C																																																																		
Electrical Characteristics	Interface	8bit MCU/31PIN	-	<table border="1"> <thead> <tr> <th>PIN</th> <th>SYMBOL</th> </tr> </thead> <tbody> <tr><td>1</td><td>GND</td></tr> <tr><td>2</td><td>GND</td></tr> <tr><td>3</td><td>GND</td></tr> <tr><td>4</td><td>GND</td></tr> <tr><td>5</td><td>LED-A</td></tr> <tr><td>6</td><td>LED-A</td></tr> <tr><td>7</td><td>GND</td></tr> <tr><td>8</td><td>RD-N</td></tr> <tr><td>9</td><td>ID</td></tr> <tr><td>10</td><td>VDD</td></tr> <tr><td>11</td><td>VDDIO</td></tr> <tr><td>12</td><td>LED-K1</td></tr> <tr><td>13</td><td>LED-K2</td></tr> <tr><td>14</td><td>LED-K3</td></tr> <tr><td>15</td><td>LED-K4</td></tr> <tr><td>16</td><td>RESET</td></tr> <tr><td>17</td><td>DB4</td></tr> <tr><td>18</td><td>CS</td></tr> <tr><td>19</td><td>DB7</td></tr> <tr><td>20</td><td>RS</td></tr> <tr><td>21</td><td>DB2</td></tr> <tr><td>22</td><td>FMARK</td></tr> <tr><td>23</td><td>DB3</td></tr> <tr><td>24</td><td>DB1</td></tr> <tr><td>25</td><td>DB0</td></tr> <tr><td>26</td><td>DB5</td></tr> <tr><td>27</td><td>DB6</td></tr> <tr><td>28</td><td>GND</td></tr> <tr><td>29</td><td>W/R</td></tr> <tr><td>30</td><td>GND</td></tr> <tr><td>31</td><td>GND</td></tr> </tbody> </table>		PIN	SYMBOL	1	GND	2	GND	3	GND	4	GND	5	LED-A	6	LED-A	7	GND	8	RD-N	9	ID	10	VDD	11	VDDIO	12	LED-K1	13	LED-K2	14	LED-K3	15	LED-K4	16	RESET	17	DB4	18	CS	19	DB7	20	RS	21	DB2	22	FMARK	23	DB3	24	DB1	25	DB0	26	DB5	27	DB6	28	GND	29	W/R	30	GND	31	GND
	PIN	SYMBOL																																																																			
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LCM Power Supply	2.8	v																																																																			
LED Power Supply	18.0	v																																																																			
Color Depth	65K	-																																																																			
LCM Driver IC	ILI9342	-																																																																			
CTP Driver IC	-	-																																																																			