

Feature		Specification	Unit	Drawing																																										
Display Spec	Brand		-	<p>The drawing shows a 1.77" TFT LCD module. The front view includes dimensions for the LCD area (34.70±0.2 BL, 31.83 LCD, 28.03 LCD A.A, 17.35), bezel (1.43, 3.33), and overall size (41.42 LCD, 35.04 LCD A.A, 20.52). The back view shows a 20-pin connector with a width of 6.60±0.5 and a pitch of 1.90 (P1X19=19.00). A bending area is indicated at the bottom. The pin assignment table is provided on the right.</p>																																										
	Size	1.77	inch																																											
	Resolution	128*160	dots																																											
	Pixel Pitch	0.219(H)*0.219(V)	mm																																											
	Display Mode	TN/NW	-																																											
	Viewing Direction	6	O'clock																																											
	Grayscale Direction	12	O'clock																																											
	Luminance	220	cd/m ²																																											
Mechanical Characteristics	LCM(W*H*D)	34.70*46.70*2.60	mm	<table border="1"> <thead> <tr> <th colspan="2">PIN ASSIGNMENT</th> </tr> </thead> <tbody> <tr><td>1</td><td>LEDK</td></tr> <tr><td>2</td><td>LEDA</td></tr> <tr><td>3</td><td>GND</td></tr> <tr><td>4</td><td>VDD</td></tr> <tr><td>5</td><td>NC</td></tr> <tr><td>6</td><td>IOVDD(1.8V)</td></tr> <tr><td>7</td><td>/CS</td></tr> <tr><td>8</td><td>/RESET</td></tr> <tr><td>9</td><td>RS</td></tr> <tr><td>10</td><td>/WR</td></tr> <tr><td>11</td><td>/RD</td></tr> <tr><td>12</td><td>DB7</td></tr> <tr><td>13</td><td>DB6</td></tr> <tr><td>14</td><td>DB5</td></tr> <tr><td>15</td><td>DB4</td></tr> <tr><td>16</td><td>DB3</td></tr> <tr><td>17</td><td>DB2</td></tr> <tr><td>18</td><td>DB1</td></tr> <tr><td>19</td><td>DB0</td></tr> <tr><td>20</td><td>GND</td></tr> </tbody> </table>	PIN ASSIGNMENT		1	LEDK	2	LEDA	3	GND	4	VDD	5	NC	6	IOVDD(1.8V)	7	/CS	8	/RESET	9	RS	10	/WR	11	/RD	12	DB7	13	DB6	14	DB5	15	DB4	16	DB3	17	DB2	18	DB1	19	DB0	20	GND
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Active Area(W*H)	28.03*35.04	mm																																												
With/Without TP	Without TP	-																																												
LED Numbers	2P-LED	pcs																																												
Operation Temp.	-20~+70	°C																																												
Storage Temp.	-30~+80	°C																																												
Electrical Characteristics	Interface	8bit MCU/20PIN	-																																											
	LCM Power Supply	2.8	v																																											
	LED Power Supply	3.0	v																																											
	Color Depth	262K	-																																											
	LCM Driver IC	ILI9163V	-																																											
	CTP Driver IC	-	-																																											