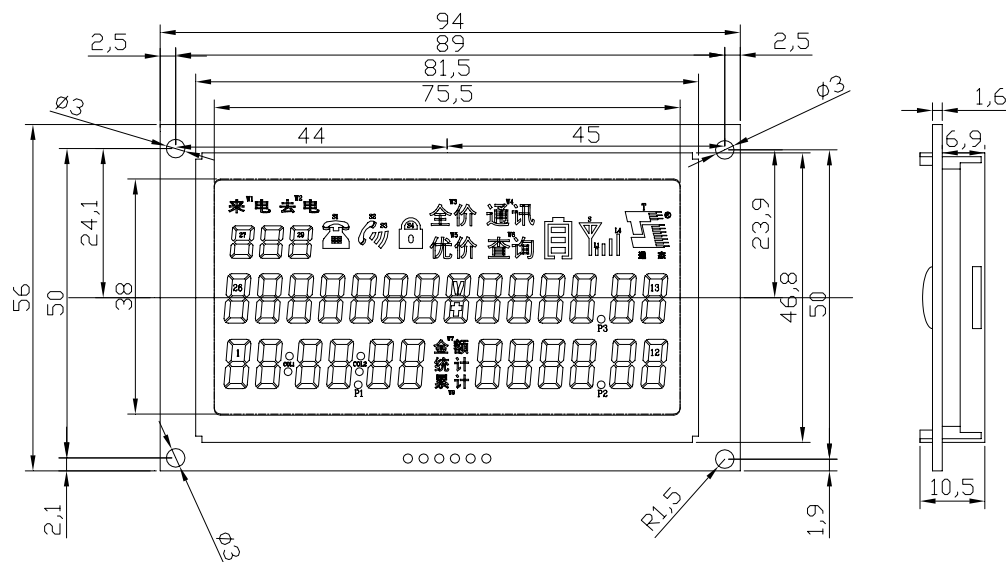


ZCM6051

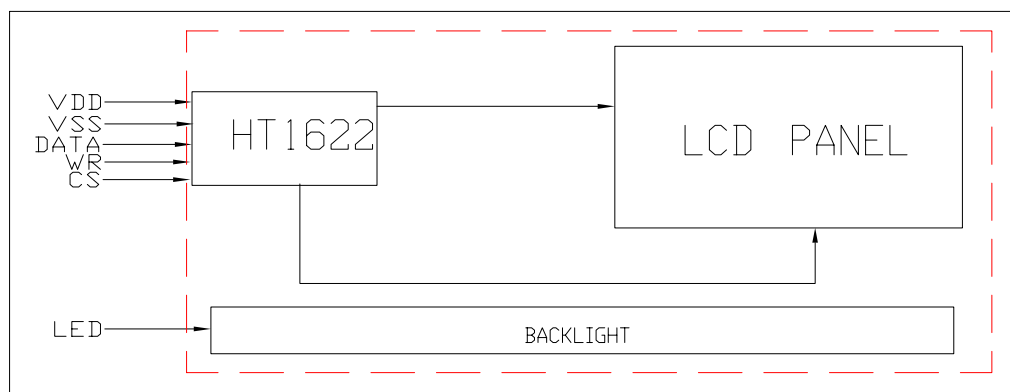
PHYSICAL DATA

Item	Contents	Unit
LCD type	HTN	---
LCD duty	1/8	---
LCD bias	1/3	---
Viewing direction	6	o'clock
Module size(W × H × T)	94 × 56 × 10.5	mm
Viewing area(W × H)	75.5 × 38	mm
Backlight color	Blue	

EXTERNAL DIMENSIONS



BLOCK DIAGRAM



ELECTRIC CHARACTERISTIC

Item	Symbol	Contents	Unit
Operating Voltage	VDD	5V or 3V	V
Operating Current	IDD	≤ 1	mA
Backlight Voltage	VLED	$\geq 3 \leq 3.5$	V
Backlight Current	ILED	≤ 20	mA

PIN	SEG16	SEG17	SEG18	SEG19	SEG20	SEG21	SEG22	SEG23	SEG24	SEG25	SEG26	SEG27	SEG28	SEG29	SEG30	SEG31
COM7	21F	21A			18F	18A	17F	17A	16F	16A	15F	15A	14F	14A	13F	13A
COM6	21G	21B	20F	20A	18G	18B	17G	17B	16G	16B	15G	15B	14G	14B	13G	13B
COM5	21E	21C	20G	20B	18E	18C	17E	17C	16E	16C	15E	15C	14E	14C	13E	13C
COM4	6A	21D	20E	20C	7A	18D	8A	17D	9A	16D	10A	15D	11A	14D	12A	13D
COM3	6F	6B	W7	20D	7F	7B	8F	8B	9F	9B	10F	10B	11F	11B	12F	12B
COM2	6E	6G	W8	W9	7E	7G	8E	8G	9E	9G	10E	10G	11E	11G	12E	12G
COM1	6D	6C			7D	7C	8D	8C	9D	9C	10D	10C	11D	11C	12D	12C
COM0												P2	L2	L3	L4	T
	SEG15	SEG14	SEG13	SEG12	SEG11	SEG10	SEG9	SEG8	SEG7	SEG6	SEG5	SEG4	SEG3	SEG2	SEG1	SEG0
COM7	22A	22F	23A	23F	24A	24F	25A	25F	26A	26F	27D	28D	29D	W6	19A	P3
COM6	22B	22G	23B	23G	24B	24G	25B	25G	26B	26G	27C	28C	29C	W4	19F	19B
COM5	22C	22E	23C	23E	24C	24E	25C	25E	26C	26E	27E	28E	29E	W5	S5	19G
COM4	22D	5A	23D	4A	24D	3A	25D	2A	26D	1A	27G	28G	29G	W3	19E	19C
COM3	5B	5F	4B	4F	3B	3F	2B	2F	1B	1F	27B	28B	29B	S4	T2	19D
COM2	5G	5E	4G	4E	3G	3E	2G	2E	1G	1E	27F	28F	29F	S3	T4	S
COM1	5C	5D	4C	4D	3C	3D	2C	2D	1C	1D	27A	28A	29A	S2	T3	
COM0		COL2	P1				COL1				W1	W2		S1	T1	L1

INTERFACE

Number	Symbol	Description
1	VDD	Operating voltage 5V or 3V
2	LED	Backlight control
3	VSS	GND
4	DATA	Serial data input/output
5	WR	WRITE clock input
6	CS	Chip selection input