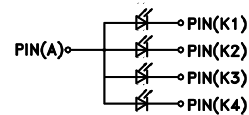


LED Internal circuit diagram:



$I_f = 60 \text{ mA}$

Forward Voltage: 3.1V (typ)

1	GND
2	LEDA
3	LEDK4
4	LEDK3
5	LEDK2
6	LEDK1
7	GND
8	NC
9	IMO
10	RESET
11	D15
12	D14
13	D13
14	D12
15	D11
16	D10
17	D9
18	D8
19	D7
20	D6
21	D5
22	D4
23	D3
24	D2
25	D1
26	D0
27	/RD
28	/WR
29	RS
30	/CS
31	NC
32	VDDI
33	VCI
34	NC
35	NC
36	NC
37	NC
38	NC
39	GND

1	Operating Voltage:	$V_{cc} = 3.0V \text{ typ.}$
2	Resolution:	240RGB*320
3	Color:	262K
4	Interface:	Parallel
5	Display type:	Transmissive, TN
6	Viewing Direction:	6:00
7	Operating Temp:	$-30^{\circ}\text{C} \sim 80^{\circ}\text{C}$
8	Storage Temp:	$-30^{\circ}\text{C} \sim 85^{\circ}\text{C}$
9	Driver IC:	ST7789V
10	Surface Luminance:	220cd/m <sup>2</sup> (typ.)
11	Unspecified tolerance:	$\pm 0.2$