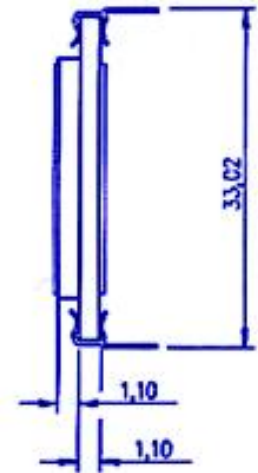


DE-113



Driving-IC:
 INTERSIL ICL7106, TELEDYNE 7106

SEG.	3A	3F	3G	2B	2A	2F	2G	COL	1B	1A	1F	1G	NC	NC	NC	NC	NC	LOW BAT	:	BP
PIN#	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
SEG.	BP	-	K	NC	NC	NC	NC	DP1	1E	1D	1C	DP2	2E	2D	2C	DP3	3E	3D	3C	3B
PIN#	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20

[LCD - Specification](#)

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LCD - Specification

DISPLAY is specialized on LCD - Products. We manufacture:

- Standard LCD's
- Custom designed LCD's
- LC - Modules (digital, alphanumeric, graphic)
- LC - custom designed modules
- upon request TN, HTN, STN, FSTN - technologies
- Component for LCD's like backlight components (LED, EL panels), connectors, elastometers (zebra connectors) etc.

Electrical and physical properties of LCD'S

At an ambient temperature of 25°C	Standard temperature			Extended temperature			Wide temperature			Unit
	min.	typ.	max.	min.	typ.	max.	min.	typ.	max.	
Operating voltage		3			3			5		V
Driving frequency	30	32	100	30	32	100	30	32	100	Hz
Current consumption		1,0	2,0		1,0	2,0		1,0	2,0	µA/cm²
DC-voltage allowance			50			50			50	mV
Response time (t _{on} + t _{off})		440			440				450	ms
Operating temperature	-10		60	-20		70	-40		90	°C
Storage temperature	-20		65	-40		90	-40		90	°C
Lifetime	100 000									h

ORDERING INFORMATION

model DE - □ □ □ - □ □ □ / □

- reflective = R
- transflective = T
- transmissive = M
- standard polarizer = S
- highstable polarizer = U

- Pinlength (mm)
- 0 = fixed pins
- 1 = for elastomer (zebra)
- 1 = standard temperature
- 2 = extended temperature
- 3 = wide temperature

Example:

DE-113-RS-10/7,5
 LCD 3½ digits
 Digit height 12.7 mm
 Reflective
 Standard polarizer
 Standard temperature
 Fixed pins
 Pinlength 7.5 mm

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