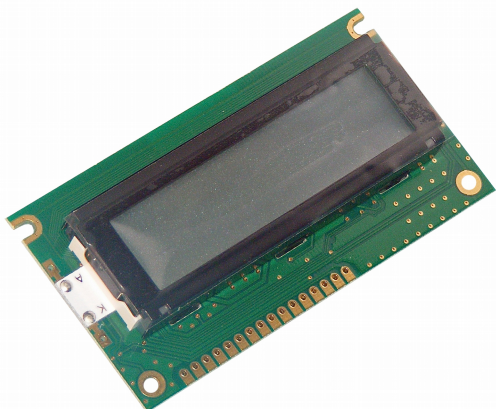




DISPLAY LCD 2 FILAS x 16 CARACTERES C-2605

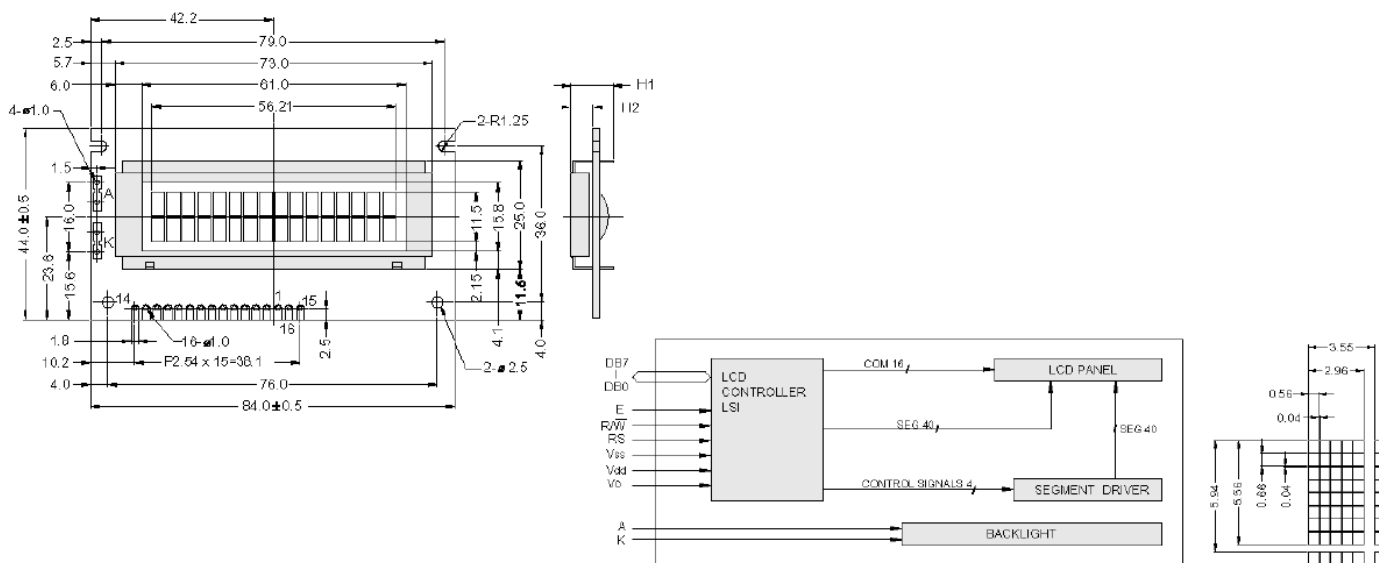
Display LCD, con la lógica de control y el generador de 192 caracteres incorporado en el display.

- El ajuste de contraste viene incorporado en el módulo.
- Entrada 4/8 bits paralelo
- LCD tecnología STN (Super-Twist-Nematic). Color gris, caracteres en positivo. Dirección de la visión: 6:00h. Modo transreflectivo.
- Luminiscencia incorporada. Sistema backlight, (retroiluminación), mediante led color verde - amarillo.
- Compatible con controlador Hitachi HD44780.

Características Mecánicas

Overall Size	84.0 * 44.0 mm
View Area	61.0 * 15.8 mm
Dot Size	0.56 * 0.66 mm
Dot Pitch	0.60 * 0.70 mm
H2	9.4 mm
H1	14 mm

Esquema



Características Eléctricas

ABSOLUTE MAXIMUM RATING

Item	Symbol	Min.	Max.	Unit
Power Supply Voltg.	Vdd-Vss	0	7	V
LCD Driving Supply Volt.	Vdd-Vee	0	13	V
Input Voltage	Vin	-0.3	Vdd+0.3	V
Operating Temperature	Topr	0	50	°C
Storage Temperature Tstg	-20	+70		°C

ELECTRICAL CHARACTERISTICS (Vdd=+5V, Ta=25° C)

Item	Symbol	Min.	Typ.	Max.	Unit
Logic Supply Voltage	Vdd	4.5	5	5.5	V
"H" Input Voltage	VIH	2.2	-	-	V
"L" Input Voltage	VIL	-	-	0.6	V
"H" Output Voltage	VOH	2.4	-	-	V
"L" Output Voltage	VOL	-	-	0.4	V
Supply Current	Idd	2	-	-	mA

Backlight:

LCD Driving Voltage (conditions= Vdd-Vo)	VLCD	4.1	-	4.5	V
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PIN ASSIGNMENT

Pin	Symbol	Function .
1	Vss	Power supply (GND)
2	Vdd	Power supply (+ 5V)
3	Vo	Contrast adjust
4	RS	Register select signal
5	R/W	Data read / write
6	E	Enable signal
7	DB0	Data bus line
8	DB1	Data bus line
9	DB2	Data bus line
10	DB3	Data bus line
11	DB4	Data bus line
12	DB5	Data bus line
13	DB6	Data bus line
14	DB7	Data bus line
A	Anode	Backlight positive power supply.
K	Cathode	Backlight negative power supply.

