

SHARP LM 16158

CHARACTER LCD DISPLAY INCL. BACKLIGHT 1 X 16

STANDARD CONTROLLER: HITACHI 44780

PIN CONNECTIONS

PIN NO.	SYMBOL	Description	Connection
1	V ss	Ground potential	GND: 0V
2	V dd	Power Supply	+5V
3	V lght	Power Supply LED backlight	+12 V
4	V o	Contrast adjustment voltage	0 - - 5 V(neg)
5	RS	Register Select pin	Control signal inputs
6	R/W	Read/Write pin	
7	E	Enable pin	
8	DB 0	Code I/O Data LSB	Data bus line When the unit interfaced to a microcomputer with 4- parallel outputs, pins DB 0 ~ DB3 are not used
9	DB 1	Code I/O Data 2nd bit	
10	DB2	Code I/O Data 3rd bit	
11	DB3	Code I/O Data 4th bit	
12	DB4	Code I/O Data 5th bit	
13	DB5	Code I/O Data 6th bit	
14	DB6	Code I/O Data 7th bit	
15	DB7	Code I/O data MSB	
16	V lss	Power Supply LED backlight	0V

