

Display data

LCD displays

EG50048GLY

Based on other datasheets from EDT and some tests:

Display size	128 xx 128 pixel
RAM size	
Backlight LED, votage	12 - 15 V
Backlight LED, current	~100 mA

Pin assignment:

Pin No	Signal	Function	Arduino *)	Arduino Mega *)	Comment
1	FGND	Frame Ground (Connected to Metal Bezel)			
2	GND	POWER SUPPLY (GND)	GND	GND	
3	Vdd	Power Supply for Logic (+5VDC)	+5V	+5V	
4	Vo	OPERATING VOLTAGE FOR LCD Drive			cirka -12V DC via potmeter to GND
5	~WR	L: Data Write (LCD Module * * MPU)	Analog pin 0	Digital pin 37	
6	~RD	L: Data Read (LCD Module * * MPU)	Analog pin 1	Digital pin 36	
7	~CE	L: Chip Enable	Analog pin 2	Digital pin 35	
8	C/~D	~WR="L"; C/~D="H":Command Write, C/~D="L":Data Write, ~RD="L"; C/~D="H":Status Read , C/~D="L":Data Read	Analog pin 3	Digital pin 34	
9	N/C	N/C			
10	~RES	L: Module Reset (Controller Reset)	RESET Pin	RESET Pin	
11	D0	Data Input/Output (LSB)	Digital pin 2	Digital pin 49	
12	D1	Data Input/Output	Digital pin 3	Digital pin 48	
13	D2	Data Input/Output	Digital pin 4	Digital pin 47	
14	D3	Data Input/Output	Digital pin 5	Digital pin 46	
15	D4	Data Input/Output	Digital pin 6	Digital pin 45	
16	D5	Data Input/Output	Digital pin 7	Digital pin 44	
17	D6	Data Input/Output	Digital pin 8	Digital pin 43	
18	D7	Data Input/Output (MSB)	Digital pin 9	Digital pin 42	
19	FS	Font select: High: 6*8 Font, Low: 8*8 Font			
20	NC	No Connection			
21	LED+	Backlight LED Anode			
22	LED-	Backlight LED katode			

*) as used by the library `Arduin-t6963c` [<http://code.google.com/p/arduino-t6963c/>]

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