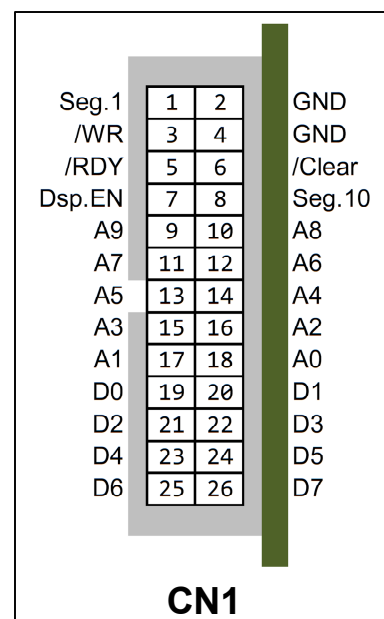


## FM70GX48AA-100A

Parameter	Symbol	Min	Typ	Max	Unit
Electrical characteristics					
Display supply voltage	Vdd	10,8	12	13,2	V
Display supply current	Idd		240	280	mA
Logic supply voltage	Vcc	4,75	5	5,25	V
Logic supply current	Icc		10	15	mA
Logic High level input	V <sub>IH</sub>	0,7*Vcc		5,25	V
Logic Low level input	V <sub>IL</sub>	0		0,2*Vcc	V
Logic High level output	V <sub>OH</sub>	4,45			V
Logic Low level output	V <sub>OL</sub>			0,05	V
Specification - FIP1 (dot-matrix display)					
Dot format	-	70 x 48			dots
Dot pitch	-	0,8 x 0,8			mm
Dot size	-	0,45 x 0,45			mm
Luminance - Color: Green (upper 70x40 dots)	-	410			cd/m2
	-	120			fL
Luminance - Color: Red (lower 70x8 dots)	-	102			cd/m2
	-	30			fL
Specification - FIP2 (icon display)					
Luminance (Color: Green)	-	513			cd/m2
	-	150			fL



### CN2:

1: +5V  
2: +12V  
3: GND  
4: GND

### CN3:

Brightness control. Use 100kΩ pot. or leave jumper