

Part number list

WO14464A5-□□□-□□#

Feature

1. Built-in controller RA8816N
2. Built-in oscillation and voltage regulator
3. +3V single power supply
4. 6800 / 8080 / SPI interface

Pin Assignment

Pin No.	Symbol	Description
1	V _{LCD}	Booster Output
2	C3P	DC/DC voltage converter.
3	C2M	
4	C2P	
5	C1M	
6	C1P	
7~11	V0~V4	Bias voltage levels for LCD driving
12	VREF	This is the reference voltage input when use an external regulator.
13	GND	Ground
14	V _{DD}	Power supply for logic
15~22	DB7~DB0	Data bus line
23	EN	Enable signal
24	R/W	Read/Write select signal
25	RS	Data/ Instruction select signal
26	/CS	Chip select input pins
27	C86	Interface selection 6800/8080
28	P/S	Selects the interface type: Serial or Parallel.
29	INT	This is an interrupt output for MPU. Active low.
30	/RST	Controller reset signal, Active Low

Mechanical Data

Item	Standard Value	Unit
Module Dimension	80.0 x 54.0	mm
Active Area	64.78 x 33.26	mm
Dot Pitch	0.45 x 0.52	mm
Dot Size	0.43 x 0.50	mm

Electrical Characteristics

Item	Symbol	Standard Value	Unit
		typ.	
Input Voltage	VDD	3.0	V
Recommended LCD Driving Voltage for Normal Temp. Version module @25°C	VDD-VO	10.0	V

Mechanical Drawing

