

Noritake®

U-Version Series Modules

DROP-IN REPLACEMENTS FOR LCD MODULES

The new family of U-Version modules is compact, low power and lower in cost with a custom designed chip. This new VFD technology has an 8 and 4 bit parallel interface and enables the replacement of LCD's with Noritake U-Version VFD modules.



VFD



LCD

FEATURES

- Same mounting hole location as LCD
- LCD compatible interface
- Widest operating temperature range
- 5V single power supply
- Lower power consumption
- Power saving mode at display off
- Widest viewing angles
- Highest brightness
- 4 levels of brightness control

COMMON SPECIFICATIONS

- 8 or 4 bit parallel input
- 5V single power supply
- Operating temperature: -40°C to +85°C
- 8 user definable fonts
- Character height = 5mm & 9mm

16 Characters Wide

Part Number	Picture Available	Row x Character	Character Format	Character Size (mm)	Display Area (mm)	Outer Dimension(mm)	Typical Volt/Current	Weight (g)	Replacement For	Notes
CU16025ECPB-W6J		2 x 16		2.5 x 4.8	51.4 x 11.4	80.0 x 36.0	5V/150mA	35	CU16025ECPB-U5J CU16025ECPB-W1J	—
CU16025ECPB-W30J		2 x 16		2.5 x 4.8	51.4 x 11.4	80.0 x 36.0	3.3V/360mA	35	CU16025ECPB-U5J CU16025ECPB-W1J	Version of W6J with 3.3V Input
CU16025ECPB-W2J		2 x 16		2.5 x 4.8	51.4 x 11.4	84.0 x 44.0	5V/150mA	38	—	Commonly used 2x16 64x44mm LCD Replacement
CU16029ECPB-W1J		2 x 16		3.9 x 8.0	82.7 x 19.0	122.0 x 44.0	5V/350mA	69	—	—

20 Characters Wide

Part Number	Picture Available	Row x Character	Character Format	Character Size (mm)	Display Area (mm)	Outer Dimension(mm)	Typical Volt/Current	Weight (g)	Replacement For	Notes
CU20025ECPB-W1J		2 x 20		2.4 x 4.7	70.8 x 11.5	116.0 x 37.0	5V/130mA	45	—	Application Note
CU20029ECPB-W1J		2 x 20		3.8 x 8.0	102.6 x 18.8	146.0 x 43.0	5V/400mA	80	—	—
NEW CU20045-UW4J		4 x 20		2.4 x 4.7	70.8 x 20.8	98.0 x 60.0	5V/250mA	70	CU20045SCP-BW4J	DD Ram Address Ranges
CU20045-UW5J		4 x 20		2.4 x 4.7	70.8 x 20.8	98.0 x 60.0	5V/250mA	70	CU20045SCP-BW5J	DD Ram Address Ranges
NEW CU20049-UW2A		4 x 20		3.7 x 8.8	99.6 x 37.6	146.0 x 62.5	5V/550mA	160	CU20049SCP-BW2A	European Font
CU20049-UW2J		4 x 20		3.7 x 8.8	99.6 x 37.6	146.0 x 62.5	5V/550mA	160	CU20049SCP-BW2J	—

24 Characters Wide

Part Number	Picture Available	Row x Character	Character Format	Character Size (mm)	Display Area (mm)	Outer Dimension(mm)	Typical Volt/Current	Weight (g)	Replacement For	Notes
CU24025ECPB-W1J		2 x 24		2.4 x 4.7	85.2 x 11.5	125.0 x 36.0	5V/155mA	50	—	—

40 Characters Wide

Part Number	Picture Available	Row x Character	Character Format	Character Size (mm)	Display Area (mm)	Outer Dimension(mm)	Typical Volt/Current	Weight (g)	Replacement For	Notes
NEW CU40025-UW6A		2 x 40		2.3 x 4.7	138.6 x 11.5	182.0 x 33.5	5V/300mA	80	—	European Font
CU40025-UW6J		2 x 40		2.3 x 4.7	138.6 x 11.5	182.0 x 33.5	5V/300mA	80	CU40025SCP-BW6J	—
CU40045-UW1J		4 x 40		2.1 x 4.8	137.4 x 23.2	190.0 x 54.0	5V/520mA	140	CU40045SCP-BW1J	—