



Midas Displays - June 2015 - Issue 1

Midas VATN LCD's available now from Rapid Electronics!

VATN technology offers a great alternative to traditional STN and OLED character displays. The heart of VATN lies in its vertically aligned liquid crystals that align perpendicular to the viewing plane when voltage is at zero, creating a totally black background. Upon voltage being applied the crystals realign, allowing the backlight to appear, with the amount of light being governed by the angle of the crystals, allowing for the display of bright coloured characters on a totally black background.

**8 X 2 VATN LCD DISPLAYS
NEGATIVE MODE
LED BACKLIGHT**

A range of LCD displays that have 8 character x 2 lines, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Red	MC2005A12W-VNMR
Yellow	MC2005A12W-VNMY
Green	MC2005A12W-VNMG
Blue	MC2005A12W-VNMB
White	MC2005A12W-VNML

**16 X 1 VATN LCD
DISPLAYS NEGATIVE
MODE LED BACKLIGHT**

A range of LCD displays that have 16 character x 1 line, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Red	MC11005A12W-VNMR
Yellow	MC11005A12W-VNMY
Green	MC11005A12W-VNMG
Blue	MC11005A12W-VNMB
White	MC11005A12W-VNML

**16 X 2 VATN LCD
DISPLAYS NEGATIVE
MODE LED BACKLIGHT**

A range of LCD displays that have 16 character x 2 lines, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Red	MC21005G12W-VNMR
Yellow	MC21005G12W-VNMY
Green	MC21005G12W-VNMG
Blue	MC21005G12W-VNMB
White	MC21005G12W-VNML

**16 X 4 VATN LCD
DISPLAYS NEGATIVE
MODE LED BACKLIGHT**

A range of LCD displays that have 16 character x 4 lines, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Red	MC41005A12W-VNMR
Yellow	MC41005A12W-VNMY
Green	MC41005A12W-VNMG
Blue	MC41005A12W-VNMB
White	MC41005A12W-VNML

**20 X 2 VATN LCD
DISPLAYS NEGATIVE
MODE LED BACKLIGHT**

A range of LCD displays that have 20 character x 2 lines, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Yellow	MC22005A12W-VNMY
Blue	MC22005A12W-VNMB
White	MC22005A12W-VNML

**20 X 4 VATN LCD
DISPLAYS NEGATIVE
MODE LED BACKLIGHT**

A range of LCD displays that have 20 character x 4 lines, LED backlight display and feature VATN (Vertically Aligned Twisted Nematic) technology.

Technical specification	
LED backlight	MPN
Red	MC42005A12-VNMR
Yellow	MC42005A12-VNMY
Green	MC42005A12-VNMG
Blue	MC42005A12-VNMB
White	MC42005A12-VNML

For more information please contact our distributor, sales@rapidonline.com or for technical support contact info@midasdisplays.com