



## 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	MC1100SA12W-VNMR
Yellow	MC1100SA12W-VNMY
Green	MC1100SA12W-VNMG
Blue	MC1100SA12W-VNMB
White	MC1100SA12W-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	MC2100S12W-VNMR
Yellow	MC2100S12W-VNMY
Green	MC2100S12W-VNMG
Blue	MC2100S12W-VNMB
White	MC2100S12W-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	MC4100SA12W-VNMR
Yellow	MC4100SA12W-VNMY
Green	MC4100SA12W-VNMG
Blue	MC4100SA12W-VNMB
White	MC4100SA12W-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	MC2200SA12W-VNMY
Blue	MC2200SA12W-VNMB
White	MC2200SA12W-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	MC4200SA12-VNMR
Yellow	MC4200SA12-VNMY
Green	MC4200SA12-VNMG
Blue	MC4200SA12-VNMB
White	MC4200SA12-VNML

For more information please contact our distributor, [sales@rapidonline.com](mailto:sales@rapidonline.com) or for technical support contact [info@midasdisplays.com](mailto:info@midasdisplays.com)