



**DIGISOL®**

# SWITCHING SOLUTIONS

## DIGISOL 25G BASE LR SFP28 Transceiver, 1310nm, 10Km

### DG-SA3131

#### Key Features:-

- Supports 25GBASE-LR
- Bit rate 25.78 Gb/s
- Up to 10km transmission on SMF
- DFB laser and PIN receiver
- High speed I/O electrical interface (25GAUI)
- I2C interface with integrated Digital Diagnostic monitoring
- SFP28 MSA package with duplex LC connector
- Single +3.3V power supply
- Maximum power consumption 1.5 W
- Operating case temperature: 0 to 70°C
- Compliant to IEEE 802.3cc, SFF-8402 and SFF-8419
- Storage Temperature : -40 to +85 °C
- Temperature: 0 to 70 °C
- Voltage: 3.13 to 3.47 ± 0.1 V
- Supply voltage : -0.3 to +3.6V
- Operating Relative Humidity : 5 to 95% RH
- Tx Bias Current: 0 to 100 ± 10% mA
- Tx Output Power: -7 to 2 ± 3 dBm
- Rx Power: -12 to 3 ± 3 dBm
- Average Receive power : -13.3 to 2 dBm
- Receiver sensitivity (OMA): Max -12 dBm
- Compliant to IEEE 802.3cc, SFF-8402 and SFF-8419



#### Introduction:-

**DIGISOL** family of Small form Factor Pluggable (SFP) transceiver modules are specifically designed for the high performance integrated data link over optical fiber. With the hot plug ability, these modules offer an easy way to be installed into SFP ports at any time without the interruption of the host equipments operating online.

#### Ordering Information:-

**DG-SA3131 : DIGISOL 25G BASE LR SFP28 Transceiver, 1310nm, 10Km**

\*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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Datasheet Updated: 8th June 2022