



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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1000BASE-T Ethernet connector modules for Energy Efficient Ethernet

Pulse introduces a series of 1x1, 1x2 and 1x4 1000BASE-T Ethernet connector modules for the IEEE 802.3az Standard for Energy Efficient Ethernet (EEE). This designer kit provides engineers a wide selection of parts to select from for their new designs.

Pulse's new range of 1Gigabit Ethernet connector modules are designed to meet the latest trend in Ethernet connectivity. The demand for Energy Efficiency and greener devices has created new Voltage driven PHYs compliant to IEEE802.3az for Energy Efficient Ethernet (EEE). This new range of products operate with the leading voltage driven silicon and PHYs from all the major manufacturers.

Building on Pulse's latest "JXD" range of compact ICM's, the new series features two schematic options for easy PCB layout, LED and EMI tab options.

Featured Products:

| | |
|-------------|---------------------------|
| JXD0-00XXNL | Side Entry, 1x1, Tab Down |
| JXD1-00XXNL | Side Entry, 1x1, Tab Up |
| JXD0-20XXNL | Side Entry, 1x2, Tab-Down |
| JXD1-20XXNL | Side Entry, 1x2, Tab-Up |
| JXD0-40XXNL | Side Entry, 1x4, Tab-Down |
| JXD2-00XXNL | Top Entry, 1x1 |

Features and Benefits:

- Designed to meet 802.3ab (1000BASE-T) standards
- -40C to +85C operating temperature
- Suitable for CAT 3, CAT 5 UTP or higher
- Easy PCB layout due to dual schematic options
- UL File Listing E216177
- Compact form factor optimizing board space
- Supports all major PHY manufactures

Applications:

Industrial Automation, Process or Remote Control and Monitoring, Campus, Factory or Rugged Communication Networks, Routers, Switches for SMB and SoHO markets





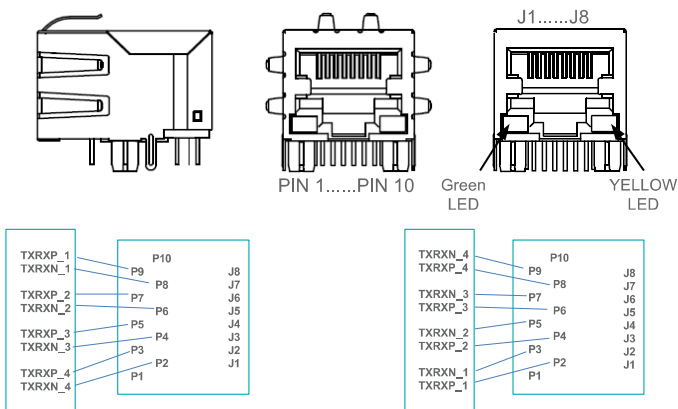
Industrial 1000BASE-TX Ethernet Connector Modules – Designer Kit# UKIT-006GP

| PART No. | TAB LOCATITON | No. Ports | EMI TABS | PHY Style | QTY. Per Kit | LED Left/Right (pin style) |
|-------------|---------------|-----------|----------|-----------|--------------|----------------------------|
| JXD0-0015NL | DOWN | 1x1 | YES | anti-c/w | 2 | Green/Yellow (in-Line) |
| JXD0-0019NL | DOWN | 1x1 | NO | anti-c/w | 2 | Green/Yellow (in-Line) |
| JXD0-0025NL | DOWN | 1x1 | YES | clock/w | 2 | Green/Yellow (in-Line) |
| JXD0-0029NL | DOWN | 1x1 | NO | clock/w | 2 | Green/Yellow (in-Line) |
| JXD1-0015NL | UP | 1x1 | YES | anti-c/w | 2 | Yellow/Green (sides) |
| JXD1-0019NL | UP | 1x1 | NO | anti-c/w | 2 | Yellow/Green (sides) |
| JXD1-0025NL | UP | 1x1 | YES | clock/w | 2 | Yellow/Green (sides) |
| JXD1-0026NL | UP | 1x1 | NO | clock/w | 2 | Yellow/Green (sides) |
| JXD1-2015NL | UP | 1x1 | YES | clock/w | 1 | Yellow/Green (in-front) |
| JXD1-2016NL | UP | 1x1 | NO | anti-c/w | 1 | Yellow/Green (in-front) |
| JXD0-4015NL | DOWN | 1x1 | YES | anti-c/w | 1 | Green/Yellow (in-front) |
| JXD2-0015NL | TOP ENTRY | 1x1 | NO | ~ | 2 | Yellow/Green (top) |

Easy PCB Layout:

Each part has been designed for easy PCB layout no matter what orientation of PHY or Tab location is desired as all complex tracking is made inside the Pulsejacks, reducing EMI and leading for a simple PCB layout.

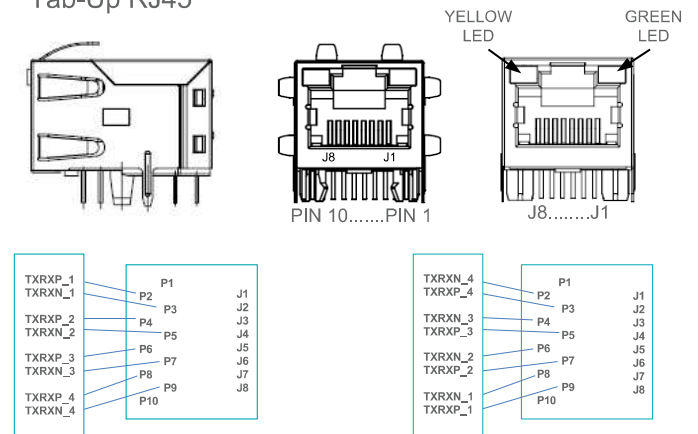
Tab-Down RJ45



Clockwise Orientated PHY
JXD0-0025NL / JXD0-0029NL

Anticlockwise Orientated PHY
JXD0-0015NL / JXD0-0019NL

Tab-Up RJ45



Clockwise Orientated PHY
JXD1-0025NL / JXD1-0026NL

Anticlockwise Orientated PHY
JXD1-0015NL / JXD1-0019NL

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