**Coolgear, Inc.**
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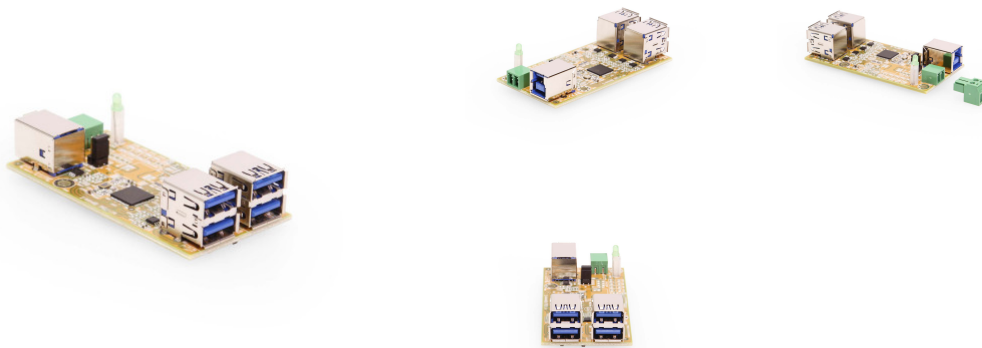**F:** +1-727-209-1302
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**Technical Data Sheet**  **Rev 05.220909**

# 4 Port USB 3.2 Gen 1 Micro Hub PCBA w/ ESD Surge Protection

Model Number: **CG-MIC4P31H-PCBA**

## Features

- Has power LED indicating power is on
- Compliant with USB 3.1 specifications
- Supports 15KV ESD surge protection for each port
- Supports +5V DC self-power input
- LED Power indicators

## Package Contents

- 2-Pin Terminal Block
- Hub - Board Only

## Specifications

### OVERVIEW

| | |
|---|---|
| Model No | CG-MIC4P31H-PCBA |
| Product Type | USB Hub |
| Compliance | RoHS \| TAA |
| UPC | 045079163577 |
| Country of Origin | Taiwan |
| LED indicators | Power |
| Chipset | GL3522 |
| Electrical Protections | ±15kV (air), ±8kV (contact) |

### PHYSICAL

| | |
|---|---|
| Ship Weight (lbs) | 0.84 lbs |
| Ship Weight (kg) | 0.38 kg |
| Item Weight | 0.063 lbs |
| Length | 3.17 inches |
| Width | 1.58 inches |
| Height | 0.79 inches |
| Material | N/A |
| Color | Yellow |
| Mountable | Bare PCB |

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## Specifications Cont.

### CONNECTIONS

| | |
|---|---|
| USB Specification | USB 3.2 Gen 1 |
| Maximum Data Rate | 5 Gbps |
| Downstream Port Count | 4 |
| Downstream Port Type | 4x Type A USB 3.2 G1 / 3.0 |
| Works as Standalone Charger | Y - Can be used without Host |
| Can be Bus Powered | Y - Supports Bus Power |
| Bus Power Isolation Supports Disabling Bus Power | Y |

### Power

| | |
|---|---|
| Input Voltage | 5V DC |
| Power Connector | Phoenix 2-pin |
| Idle Power Draw | 25mA @ 5V Terminal Power |
| Max Power Draw | 1A(5W) |
| Max Per Port Draw | 26W |
| Supported Charge Protocols | CDP \| DCP |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature | 0C ~ 55C |
| Storage Temperature | -20C ~ 75C |
| Operating Humidity | 5% to 95% RH |

### OS SUPPORT

| | |
|---|---|
| Supported Operating Systems | OS independent - No software or drivers required |

### WARRANTY

| | |
|---|---|
| Warranty Period | 1 Year |

### PRODUCT URL

| | |
|---|---|
| CG-MIC4P31H-PCBA Product Page | https://www.coolgear.com/product/4port-usb-3-1-micro-hub-with-surge-protection-and-mounting-kit |