



# M4 Specification

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September 2021

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# 1. Multi-connectors Details

Multi-connector for XPOW is designed to have the flexibility and reconfigurability of the main system. There are several versions of multi-connector. Please check your multi-connector version.

M4 multi-connector consist of several different types of connectors including FFC, D-sub25, and 2.54 mm pin output. It is suitable for applications that required multiple devices with different connections.

## M4

Dimension : 10 (L) x 20 (W) x 1.2 (H) cm

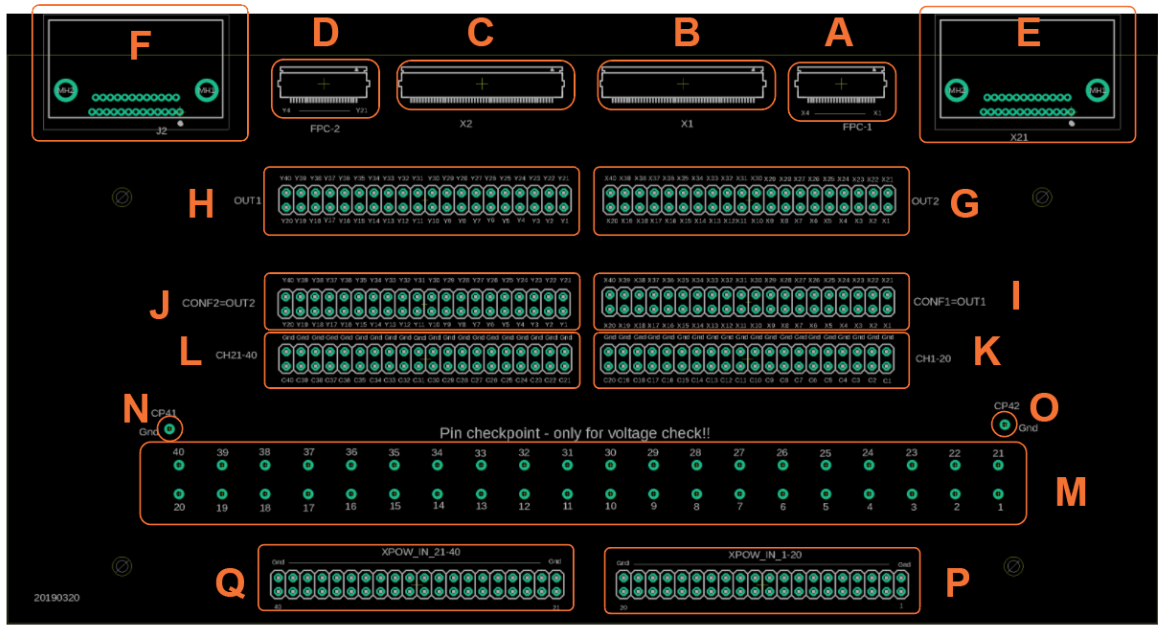


Fig. 1 M4 - Multi-connector configuration

Table 1: M4 – Multi-connector point information

Callout	Component Description
A	FPC-1 24 pin (X1-X4, X21-X40)
B	X-1 50 pin (X21-X40, X1-X20)
C	X-2 50 pin (Y21-Y40, Y1-Y20)
D	FPC-2 24 pin (Y1-Y4, Y35-Y40, Y34-Y21)
E	Micro-D Connector (MH1, MH2, X1-X5, X21-X40)
F	Micro-D Connector (MH1, MH2, Y1-Y5, Y21-Y40)
G	2x20-1 pin header 2.54 mm (X1 – X40)
H	2x20-2 pin header 2.54 mm (Y1 – Y40)
I	CONF 2x20-1 pin header 2.54 mm (X1 – X40)
J	CONF 2x20-2 pin header 2.54 mm (Y1 – Y40)
K	2x20-5 pin header 2.54 mm ((C1 – C20) + GND)
L	2x20-5 pin header 2.54 mm ((C21 – C40) + GND)
M	Channel 1-40 output check point pin (1 - 40)
N	GND check point 1 pin (41)
O	GND check point 2 pin (42)
P	1 - 20 CH in 2x20-7 pin header 2.54 mm (1 – 20)
Q	21 – 40 CH in pin header 2.54 mm (21 – 40)

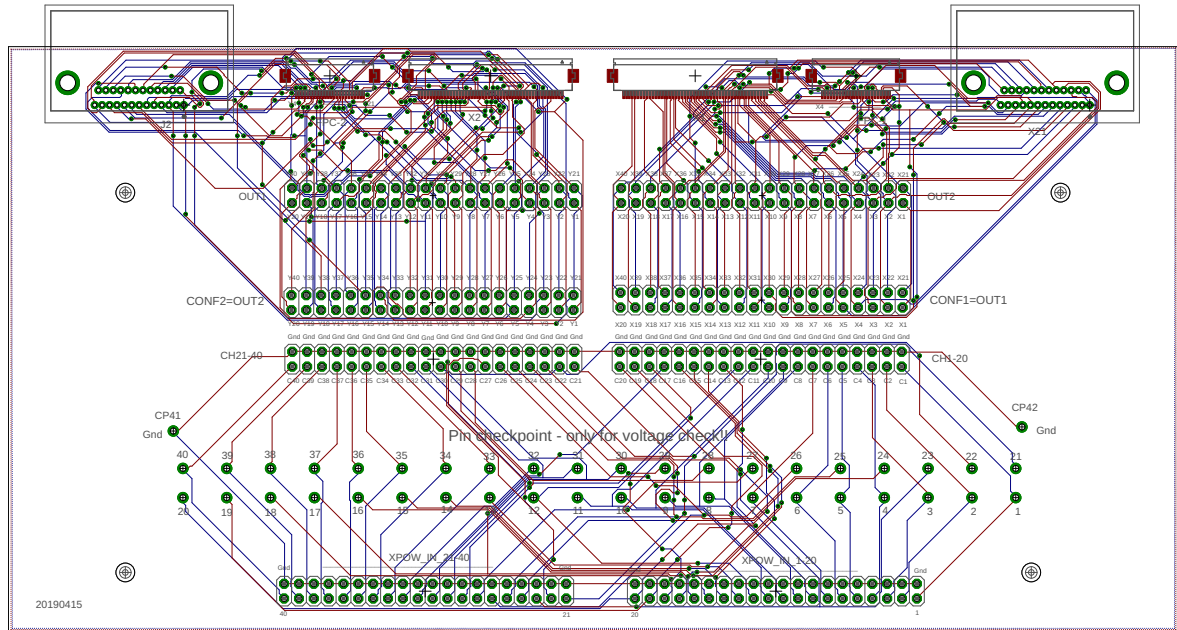


Fig. 2 M4 - Multi-connector configuration - 2

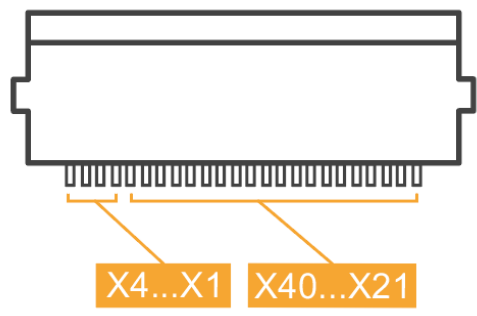


Fig. 3 M4 - Callout A

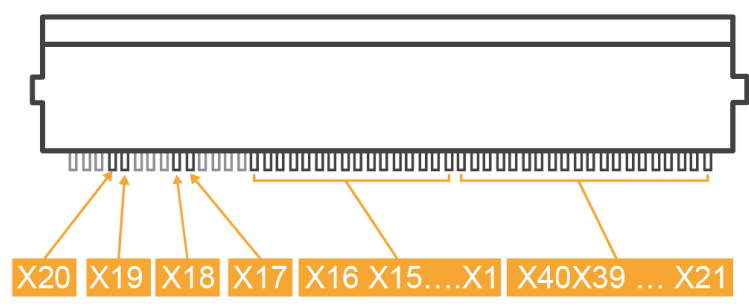


Fig. 4 M4 - Callout B

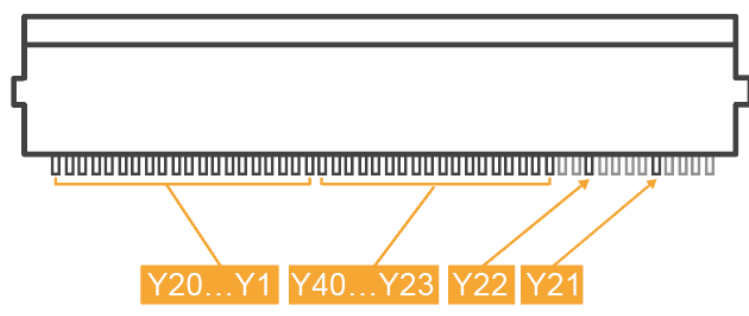


Fig. 5 M4 - Callout C

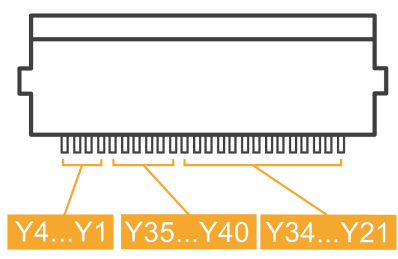


Fig. 6 M4 - Callout D

## 2. Company Policy

Warranty – We guarantee to provide accurate descriptions and a high-quality product. Please do not hesitate to contact us at [support@nicslab.com](mailto:support@nicslab.com) if you would like to have more information. If you have any problems with your order, please notify us within 60 days from the date of shipment of any defects. You agree to pay for the return shipping on exchanges and returns and we will reimburse this cost upon verification of a defect with the product. Moreover, a warranty will not apply if the product has been subject to misuse, neglect, accident, modification, or has been soldered or altered in any way.

Return and refund policy – If you are not happy with the product you purchased, for any reason, it is possible to return it for a refund within 5 days of receipt (10 days for an exchange).

Please advise us by email: [support@nicslab.com](mailto:support@nicslab.com) for return authorization.

- Return for refund: within 5 days of receiving your product. (unopened)
- Return for replacement: within 10 days of receiving your product. (damaged or defective)

Please note that no return will be accepted without a return authorization. A return must be in its original and clean condition. Returns in a damaged, scratched or burnt condition will not be accepted. The product must be returned in its original packaging with its receipt and a small note for the reason for the return. This will help us to serve you better and improve our products. Reimbursement only applies upon the confirmation of the above-mentioned conditions.

All items will be reimbursed within 3 days of receiving the product (shipping fee excluded). You will need to pay for shipping (if you would like to have a refund instead of a replacement). We will be responsible for refund shipping fees if the return is a result of a shipping error from our side.



For further enquiries please contact:

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Book Meeting [here](#).

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