

ADP-PSE4

PoE Module

User's Manual

Edition 1.3

2018/04/16



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Packing List:

Please check the package content before you starting using the adapter.



1 x ADP-PSE4 Module
(BADPPSE4_0.9/4120036010)



1 x Terminal Block



4 x PSE Power Cable
(OALPSE-01/1040646) (Optional)

1. < Product Specification >

Product Description

Interface	Internal 2-pin terminal block for DC input from powered board Internal 2-pin terminal block for DC output of powered board Four Internal 4-pin head for connecting with powered board
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Accessories	OALPSE-01 for PSE Power (Optional)
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Dimensions (L x W)	49.84mm x 40.00mm
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Operating Conditions

Power Requirement	DC 54~57V
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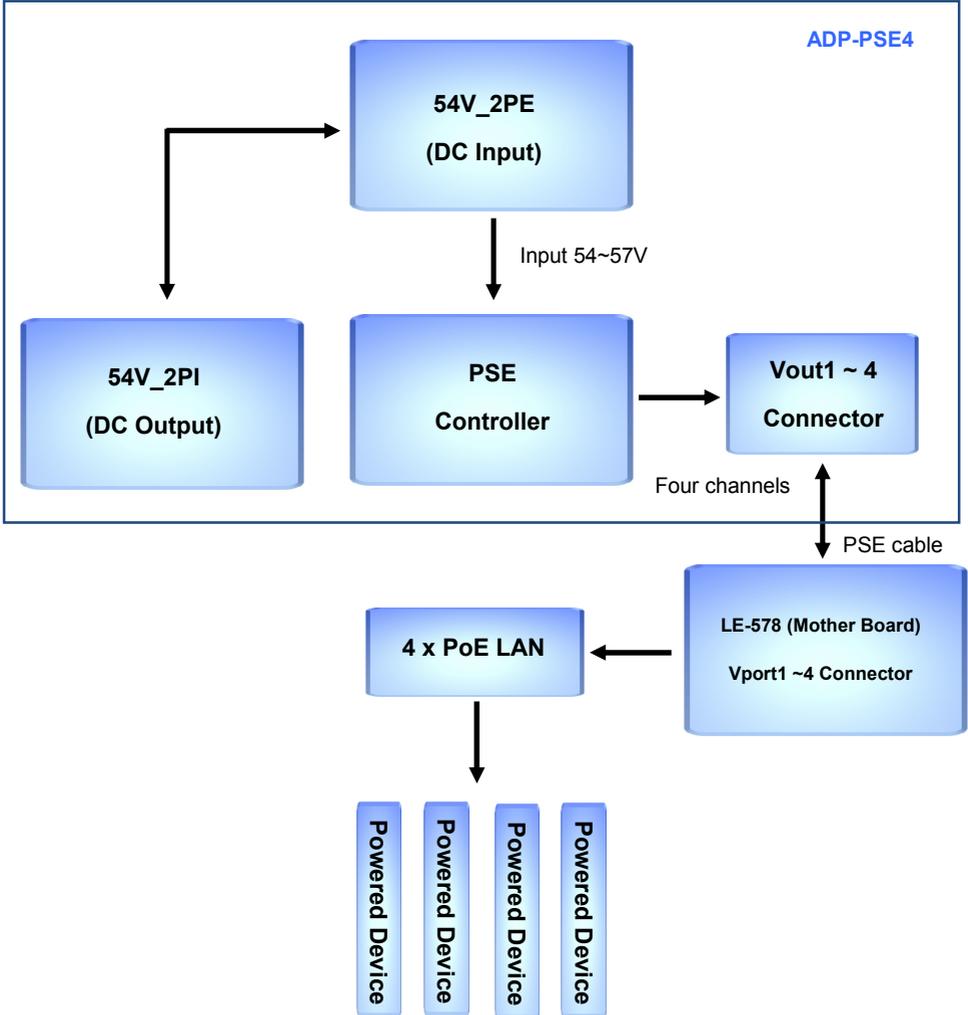
Temperature	Operating within -40°C ~+85°C Storage within -40°C ~+85°C
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General Specifications

Ordering Code	ADP-PSE4 : IEEE802.3at compliant, with four independent PSE channels
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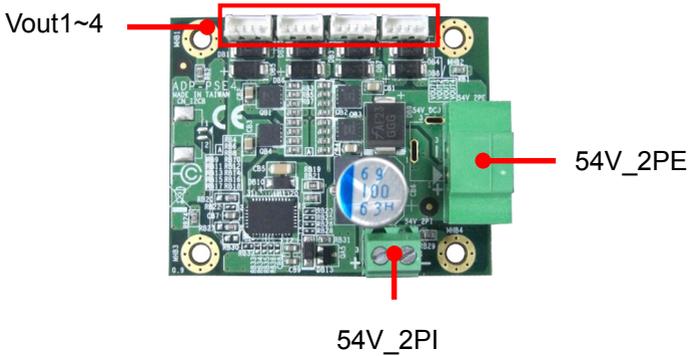
Note: Please contact your local vendors to inquiry the OEM M/B for the board solution assemble with ADP-PSE4.

2. < Block Diagram >



4. < Connector Location and Reference >

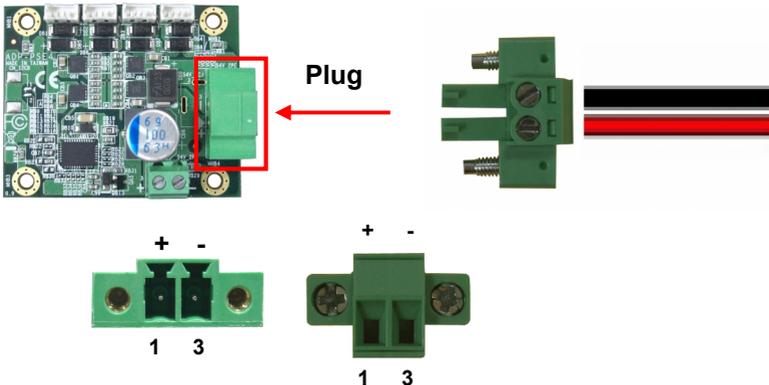
Adapter: ADP-PSE4



Connector	Function
54V_2PE	2-pin power input with Terminal Block
54V_2PI	2-pin power output with Terminal Block
VOUT1~4	4-pin internal header for connecting with motherboard

4.1 <Power Input>

Connector : 54V_2PE



Pin	Description	Pin	Description
1	Power input (54~57V)	3	GND

4.2 <Power Output>

Connector : 54V_2PI



Pin	Description	Pin	Description
1	GND	3	Power output (54~57V)

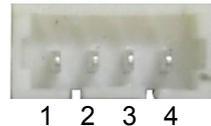
4.3 <PoE Power>

Connector : VOUT1~VOUT4

Connector Type:

4-pin , pitch : 1.25 mm ,DIP type

Straight P.C.B Connector



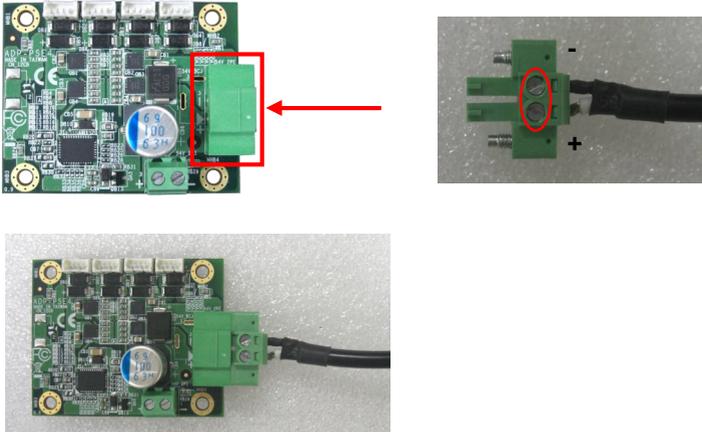
Pin	Description	Pin	Description
1	VPORT_V54	3	VPORT_V54
2	VPORT_GND	4	VPORT_GND

5. < ADP-PSE Installation Guide >

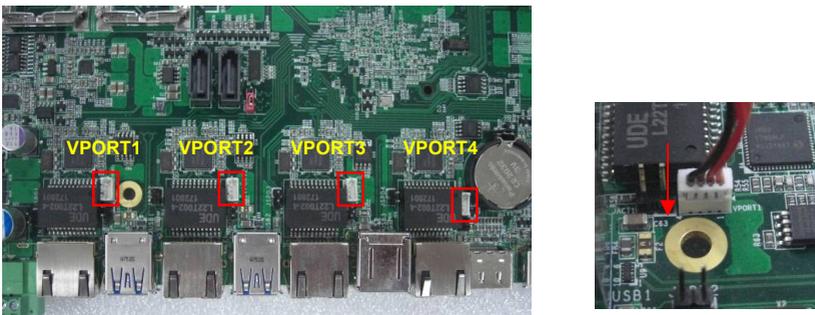
Following implement to use ADP-PSE4 with COMMELL's M/B (LE-578) for complies as PoE Power Sourcing Equipment.

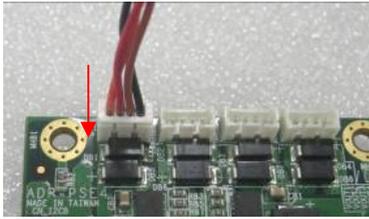
A. Startup ADP-PSE4

1. Tighten the screws and insert DC 54V to 54V_2PE terminal block connector.



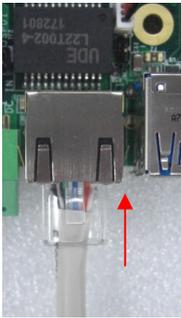
2. Plug PoE Power cable to ADP-PSE4 (VOUT1~4) and COMMELL's M/B LE-578(VPORT1~4).





B. PSE connect to PD

1. Connect to Powered Device(Ex: DC-PD) using CAT5- PoE Ethernet cable



2. The indicator will light when the connection is successful



Contact Information

Any advice or comment about our products and service, or anything we can help you please don't hesitate to contact with us. We will do our best to support you for your products, projects and business.

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