



Ole Krarup &lt;ole.krarup.dk@gmail.com&gt;

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**回覆: EDFA Follow-up**

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**Tondy** <tondy.ng@amonics.com>

Wed, Jan 30, 2019 at 10:21 PM

To: Ole Krarup &lt;ole.krarup.dk@gmail.com&gt;, "Chams Baker, Mr" &lt;chams.baker@mail.mcgill.ca&gt;

Cc: kstsang@amonics.com, Terry Kwok &lt;terry.kwok@amonics.com&gt;

Dear Ole,

The similar User Manual is attached.

The maximum driving current is less than 3A.

The typical driving current of this module is less than 700mA (when Set-point Pin 11 set as 5V)

SN: 9121804 Module actual Pin Assignment with descriptions are shown below.

Pin 1 5V (5V Supply)

Pin 2 5V (5V Supply)

Pin 3 Enable pin (Short to GND to Enable the pump laser)

Pin 4 PD (Internal Pump power monitor output, 0~3.5V)

Pin 7 GND (5V GND) (Pin 8, 8 10 connected internally)

Pin 8 GND (5V GND) (Pin 8, 8 10 connected internally)

Pin 10 GND (5V GND) (Pin 8, 8 10 connected internally)

Pin 11 Set-point (Pump current Set-point voltage input, 0~5V) (Max. pump current at 5V)

Pin 12 Current feedback (Pump current feedback output, 0~2.5V)

Pin 13 2.5V reference (2.5V reference voltage output)

Pin 14 TEC (Pump Temperature feedback output, 2.5V state as normal)

All details Pin description can be referred to the attached User Manual.

The IDC 14Pin extension board description is attached for your reference.

Any problem please feel free to contact us.

Best Regards

Tondy Ng

寄件者: Ole Krarup [mailto:[ole.krarup.dk@gmail.com](mailto:ole.krarup.dk@gmail.com)]

寄件日期: 2019年1月31日 1:47

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主旨: EDFA follow-up

Dear Tondy

I have some additional questions about the EDFA you recently repaired. If possible, I would like to know the purpose of each of the pins in the attached picture. Also, I understand that the EDFA needs 5V to operate. How much current does it draw at this voltage?

Thank you and best regards,

Ole

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**2 attachments**



**IDC 14 Pin connector extension board description\_SN\_9121804.pdf**

262K



**AEDFA-M\_120x100x18\_IDC254\_R7.04 (1).pdf**

1249K