

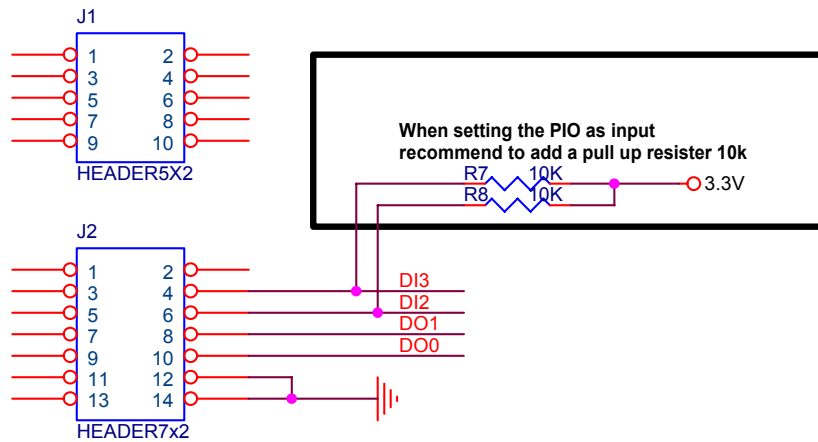
### Ready LED

Note!! If the power is connected to 5V for Ready LED. The light-emitting diode will be a little luminous while it is turn off. We recommend connecting power to 3.3V to avoid this condition.



### Power LED

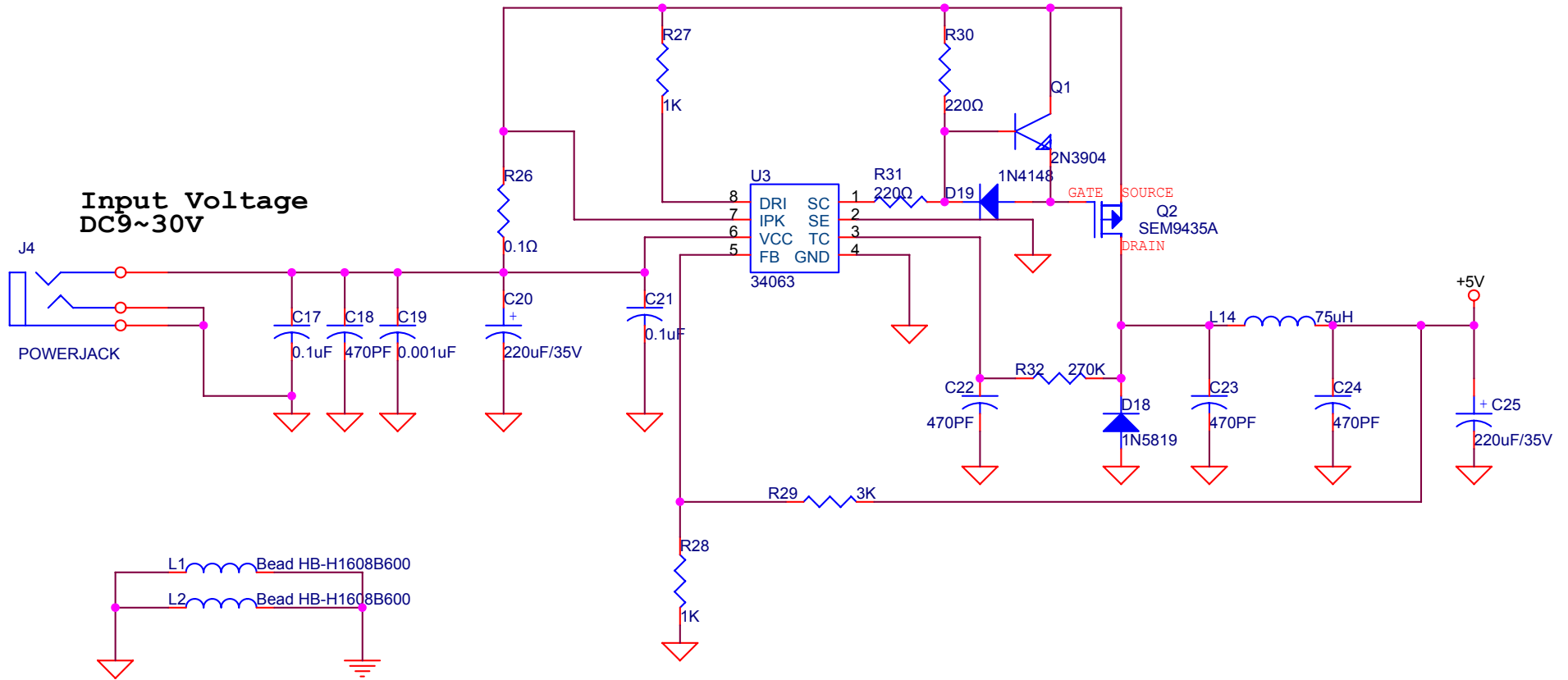
|                     |                    |              |
|---------------------|--------------------|--------------|
| <b>MOXA HWDC</b>    |                    |              |
| Title               |                    |              |
| <b>For NE-4120S</b> |                    |              |
| Size                | Document Number    | Rev          |
| A                   | <b>LED Display</b> | 1.0          |
| Date:               | 星期四, 五月 20, 2004   | Sheet 2 of 3 |



| Absolute Max. Ratings |                     | Min. | Max. | Unit |
|-----------------------|---------------------|------|------|------|
| Vil                   | Input Low Voltage   |      | 1.08 | V    |
| Vih                   | Input High Voltage  | 2.1  |      | V    |
| Vol                   | Output Low Voltage  |      | 0.4  | V    |
| Voh                   | Output High Voltage | 2.4  |      | V    |

|                              |                               |       |            |
|------------------------------|-------------------------------|-------|------------|
| <b>MOXA HWDC</b>             |                               |       |            |
| Title<br><b>For NE-4120S</b> |                               |       |            |
| Size<br>A                    | Document Number<br><b>DIO</b> |       | Rev<br>1.0 |
| Date:                        | 星期四, 五月 20, 2004              | Sheet | 2 of 3     |

The switching regulator is for NE-4110A/S system power



## MOXA HWDC

Title

**For NE-4120S**

Size  
A

Document Number

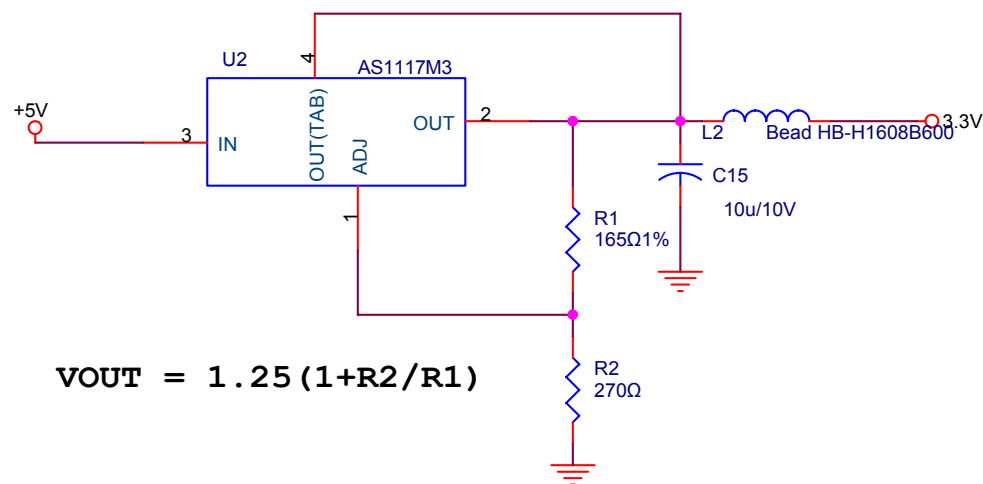
**Switching Regulator**

Rev  
1.0

Date: 星期四, 五月 20, 2004

Sheet 2 of 3

This linear regulator is only for Ready LED to avoid radiating little light while it should be turn off.



$$V_{OUT} = 1.25 (1 + R2/R1)$$

## MOXA HWDC

Title

**For NE-4120S**

Size  
A

Document Number

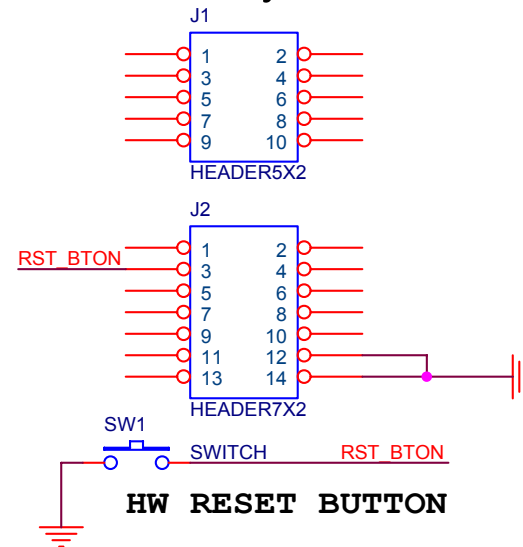
**Linear Regulator**

Rev  
1.0

Date: 星期四, 五月 20, 2004

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While push this button, the NE-4120A/S terminates all operations immediately, and reset the system to the default value.



## MOXA HWDC

Title

**For NE-4120S**

Size  
A

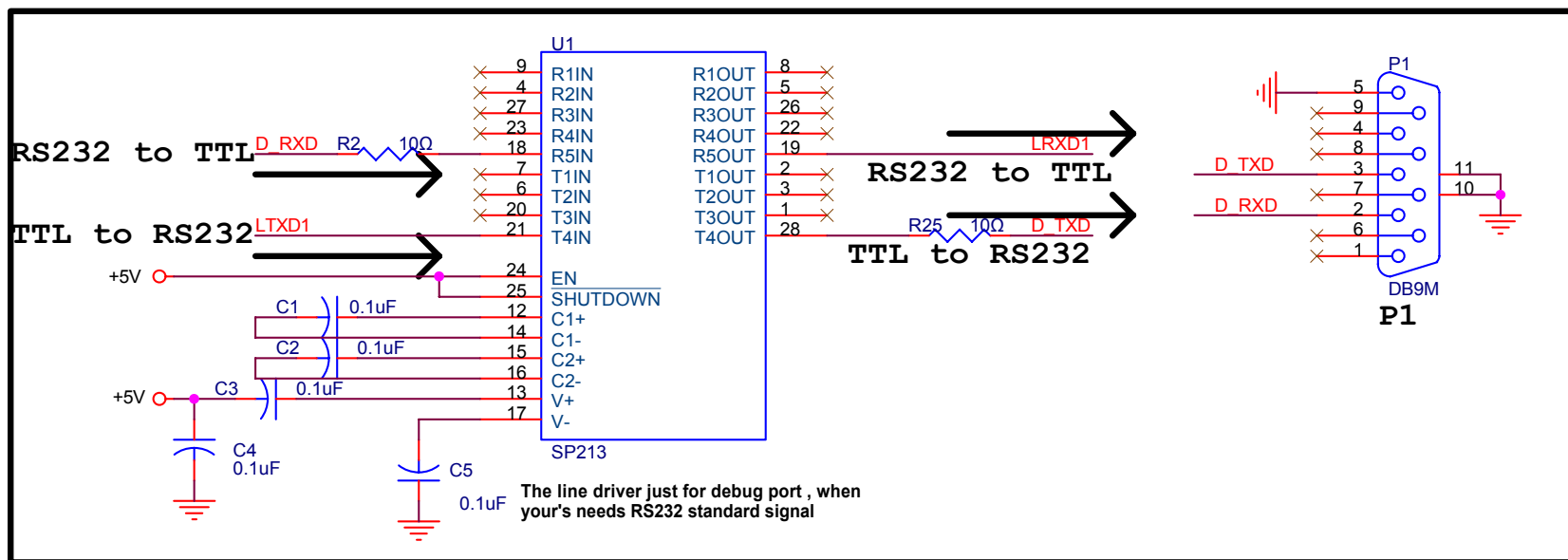
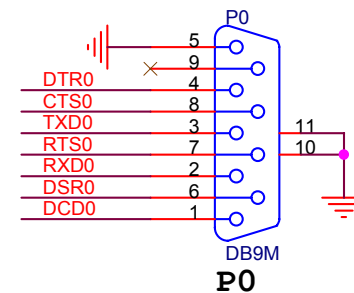
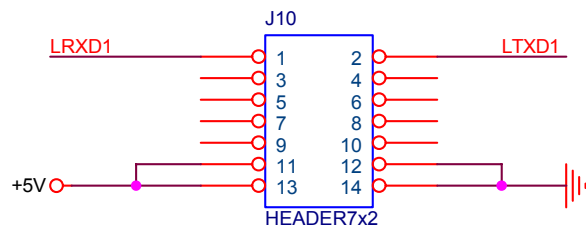
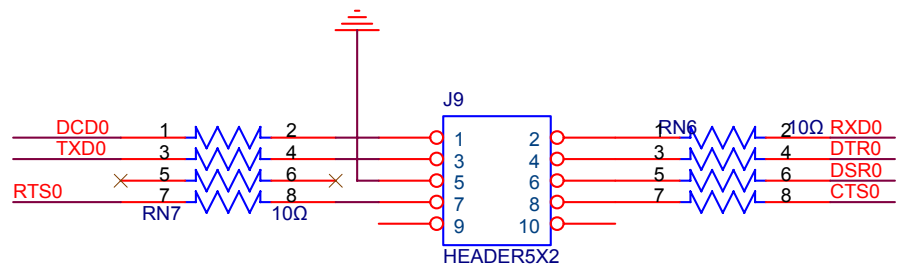
Document Number

**Reset System**

Rev  
1.0

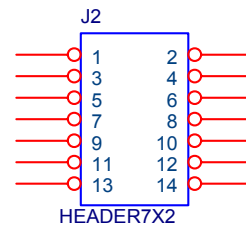
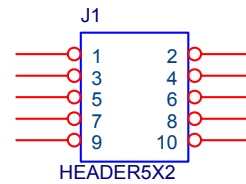
Date: 星期四, 五月 20, 2004

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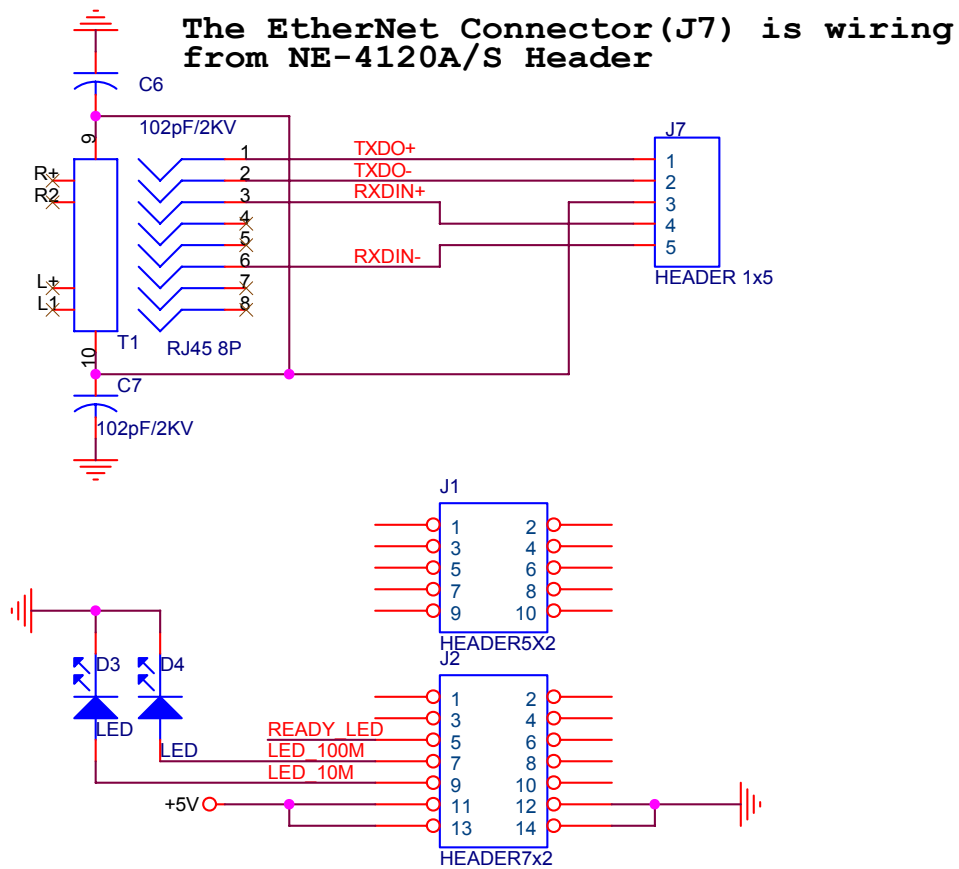
# MOXA HWDC

|              |                         |              |
|--------------|-------------------------|--------------|
| Title        |                         |              |
| For NE-4120S |                         |              |
| Size         | Document Number         | Rev          |
| A            | Line Driver & Connector | 1.0          |
| Date:        | 星期四, 五月 20, 2004        | Sheet 2 of 3 |



2.54x2.54 mm

|              |                  |              |
|--------------|------------------|--------------|
| MOXA HWDC    |                  |              |
| Title        |                  |              |
| For NE-4120S |                  |              |
| Size         | Document Number  | Rev          |
| A            | DIO              | 1.0          |
| Date:        | 星期四, 五月 20, 2004 | Sheet 2 of 3 |



# MOXA HWDC

Title

**For NE-4120S**

Size  
A

Document Number  
**EtherNet**

Rev  
1.0

Date: 星期四, 五月 20, 2004

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