



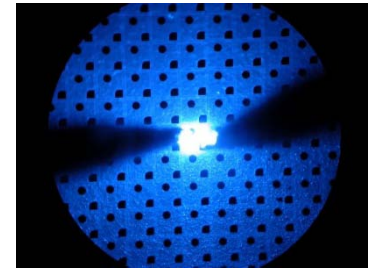
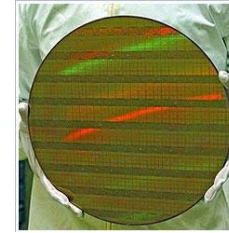
# Solutions for MOCVD Customers

- MOCVD Industry Chain
- Power Requirement of MOCVD
- Our Solutions (1)
- Our Solutions (2)

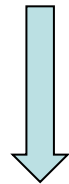
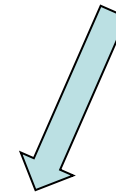
# MOCVD Industry Chain



MOCVD Equipments



LED Chip  
Manufacturers



MOCVD is the popular method for LED wafer fabrication.  
The LED industry is growing dramatically.  
More and more LED production capacity are shifting to east and southeast Asia, especially China.

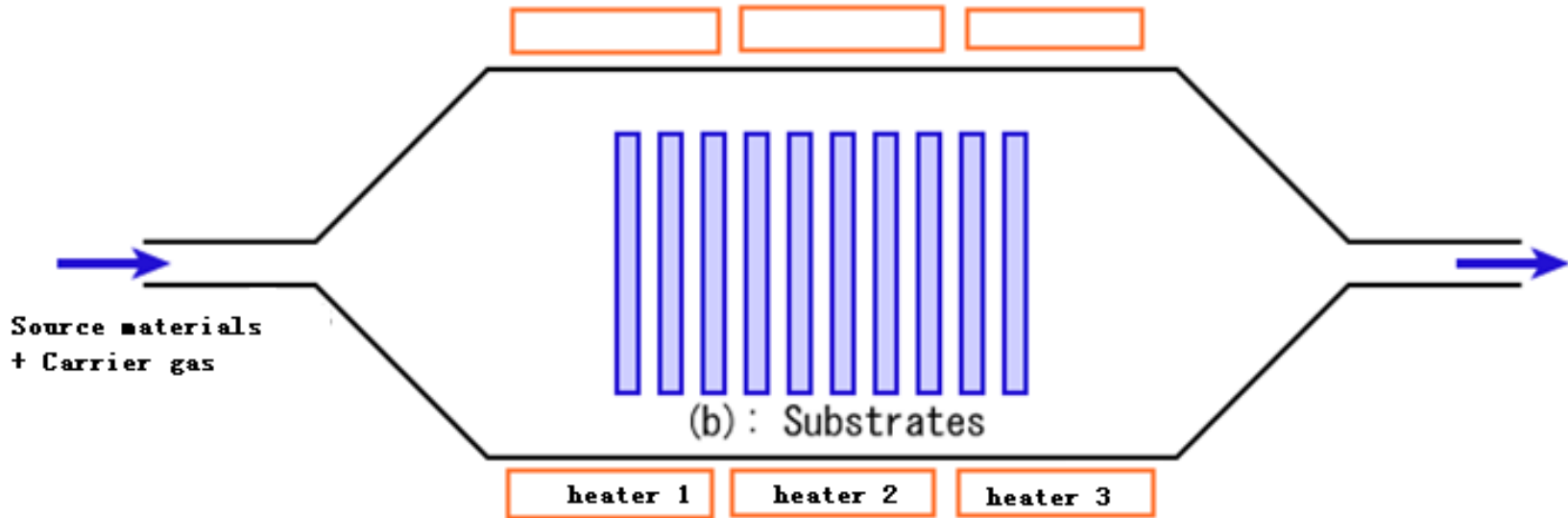


LED Backlights



LED Lighting

# Power Requirement of MOCVD



Every set of MOCVD equipment will require some high-power DC sources. It takes several to more than ten hours for a complete MOCVD process, if any power source fails during the process, it will be dozens of thousands USD loss due to the cost of the wafer materials, as well as the valuable hours.

So the top requirement for the power supply, is **Reliability! Reliability! Reliability!**

# Our Solutions (1)

SG provide all those features that MOCVD customer would concern, like High Reliability, Compact Size ( 3U 15KW / 6U 30KW for a single unit), Master/Slave parallel operation etc.

AMETEK PPD also has service network around the world.



## Our Solutions (2)

We will release the Water-Cooled high-power DC power supply which is based on SG, to improve the reliability more and more.

We are watching and keeping investing on this specific application, you can expect more new features/products!

