上海交通大学
SHANGHAI JIAO TONG UNIVERSITY

lab1 Auto-routing

Zhao Jian

Department of Micro-nano electronics
Shanghai JiaoTong University
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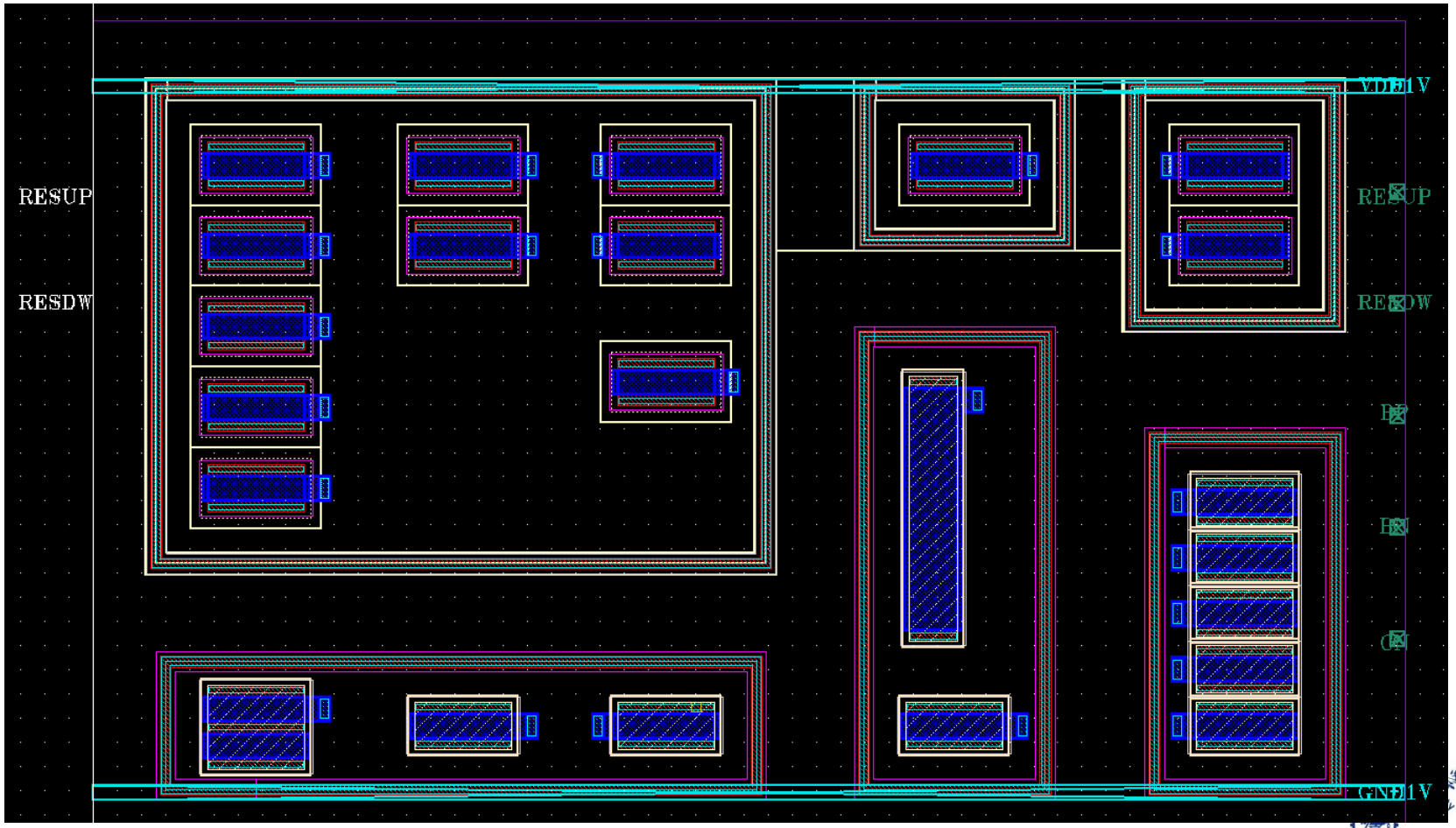
Outline

- Device & Pin Arrangement
- Auto-routing
- Export & Verification

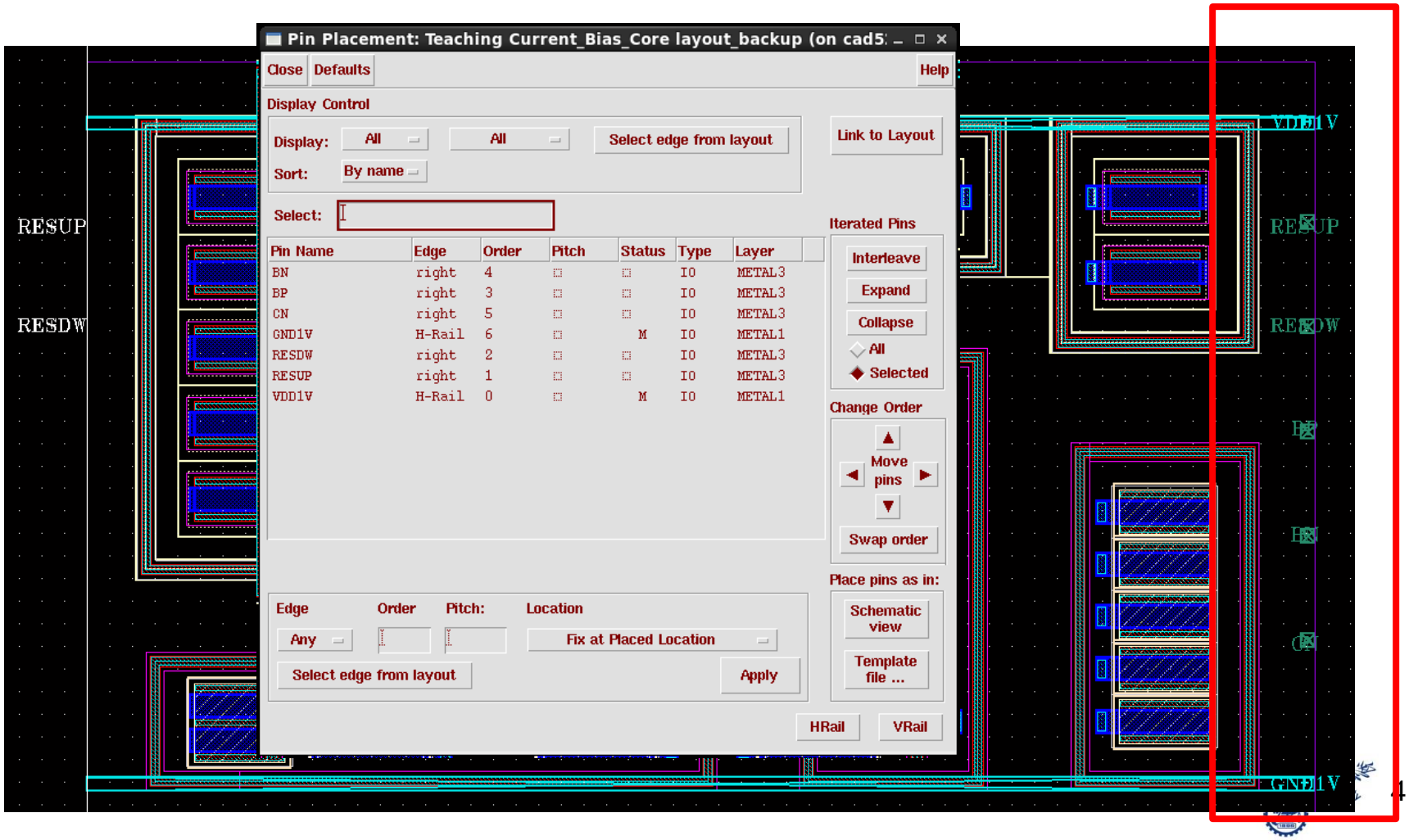
Device & Pin Arrangement

- 环境：IC5，PDK：TSMC018
- Layout XL



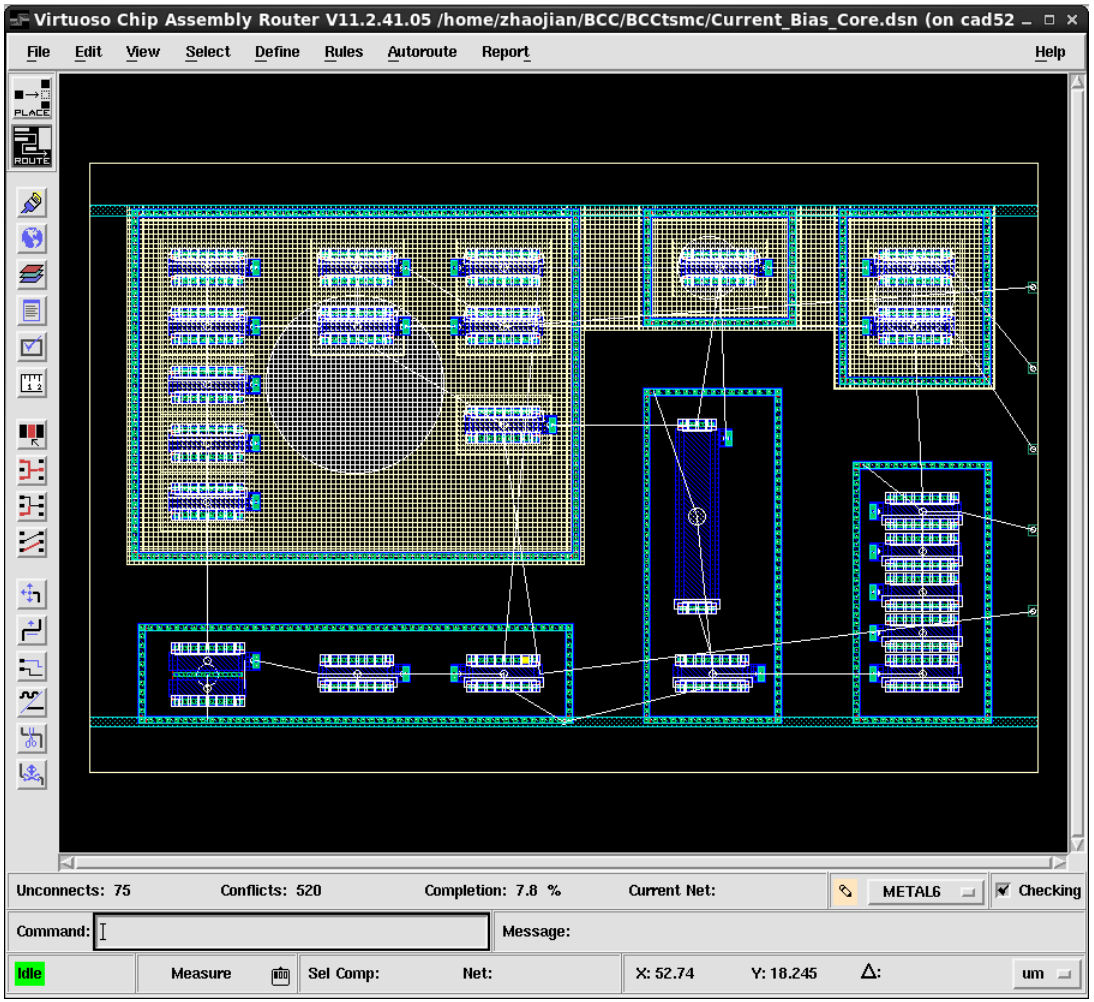
Device & Pin Arrangement

- Place → Pin Placement



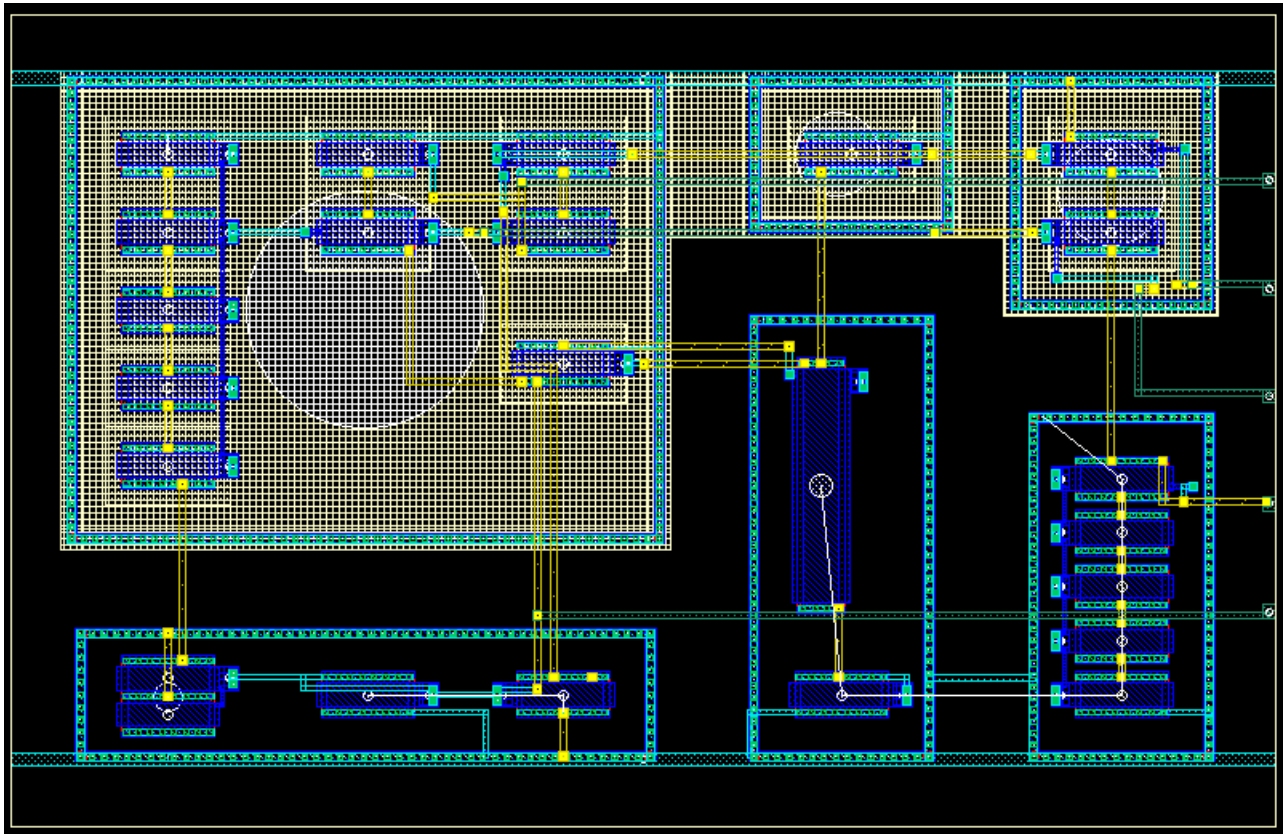
Auto-routing

- Routing → Export to router
- Select PDK rules



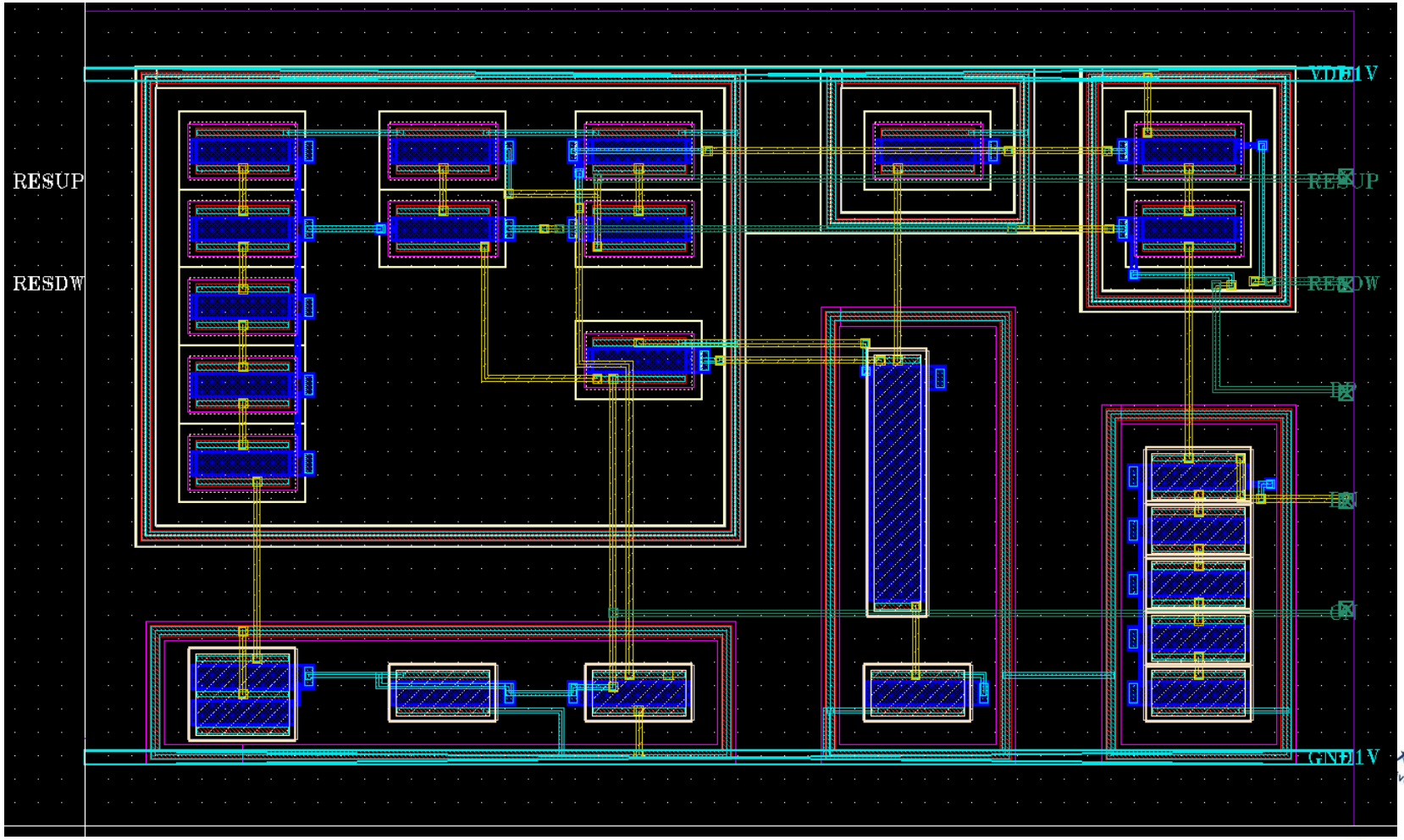
Auto-routing

- Routing → Export to router
- Select PDK rules
- → Detailed Route



Export & Verification

- File → Write → Session, manually correct the errors
- Run LVS, DRC…



Thanks!

Shanghai Jiao Tong University