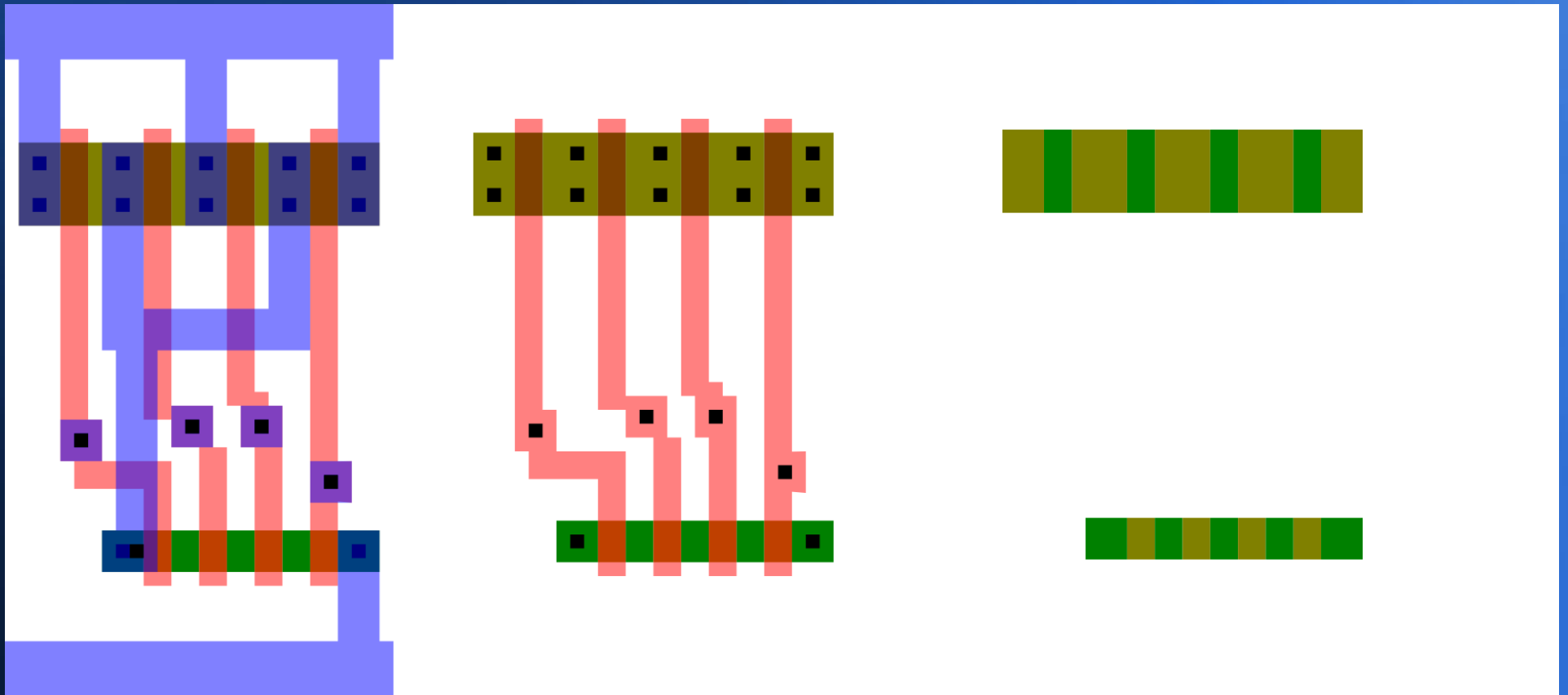


# Quiz 3

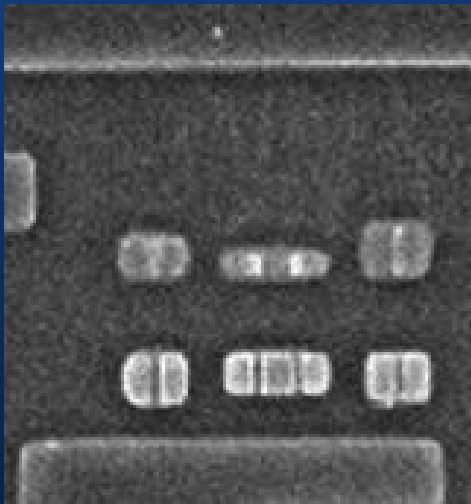
- 15 minutes
- 2 problems
- Submit solutions to me by email
- Closed book, closed notes
- No internet access allowed during quiz

# What logic function is this?

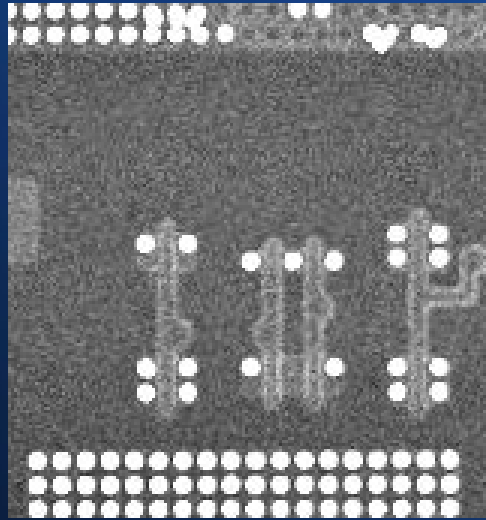


# What logic function is this?

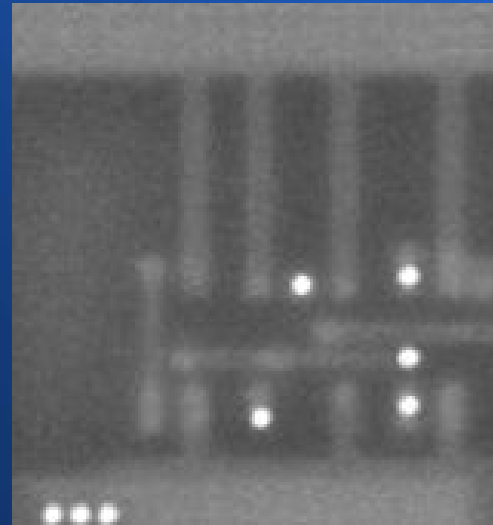
- Your target is the cell at center



Dopant stain  
light = P-type  
dark = N-type



Poly + active-M1 contact  
Poly-M1 vias not shown



M1 and M1-M2 via



Metal 2