

# BDC(1/2)

- AMT-TDC case:

- TDC1:

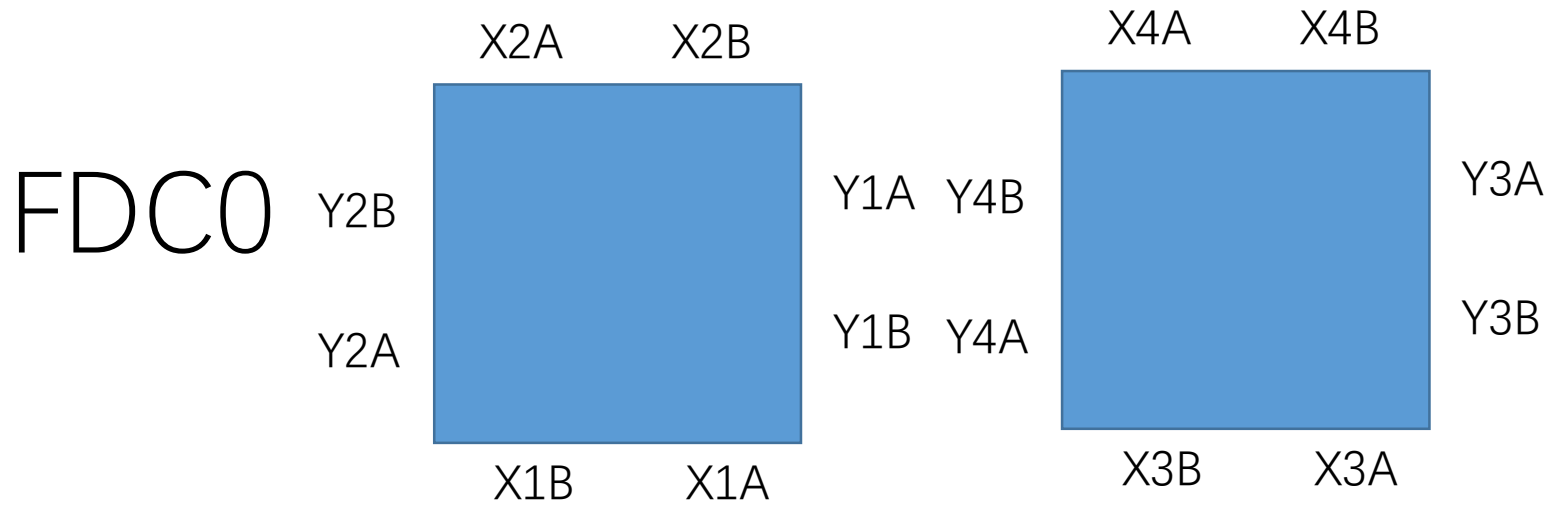
- 0-15: X1
    - 16-31: X1P
    - 32-47: X2
    - 48-63: X2P

- TDC2:

- 0-15: Y1
    - 16-31: Y1P
    - 32-47: Y2
    - 48-63: Y2P

- V1190:

- A(0-15): X1(0=ref)
  - A(16-31): X1P
  - B(0-15): X2
  - B(16-31): X2P
  - C(0-15): Y1
  - C(16-31): Y1P
  - D(0-15): Y2
  - D(16-31): Y2P



- AMT-TDC case:

- TDC1:

- 0-15: X1A
    - 16-31: X1B
    - 32-47: X3A
    - 48-63: X3B

- TDC2:

- 0-15: X2A
    - 16-31: X2B
    - 32-47: X4A
    - 48-63: X4B

- TDC3:

- 0-15: Y1A
    - 16-31: Y1B
    - 32-47: Y3A
    - 48-63: Y3B

- TDC4:

- 0-15: Y2A
    - 16-31: Y2B
    - 32-47: Y4A
    - 48-63: Y4B

- V1190-1:

- A(0-15): Y1A(0=ref)
  - A(16-31): Y1B
  - B(0-15): Y3A
  - B(16-31): Y3B
  - C(0-15): X1A
  - C(16-31): X1B
  - D(0-15): X3A
  - D(16-31): X3B

- V1190-2:

- A(0-15): Y2A(0=ref)
  - A(16-31): Y2B
  - B(0-15): Y4A
  - B(16-31): Y4B
  - C(0-15): X2A
  - C(16-31): X2B
  - D(0-15): X4A
  - D(16-31): X4B

# FDC1

- AMT-TDC:

- TDC1: X1-1, X1-2, U1-1, U1-2
- TDC2: V1-1, V1-2, X2-1, X2-2
- TDC3: U2-1, U2-2, V2-1, V2-2
- TDC4: X3-1, X3-2, X1P-1, X1P-2
- TDC5: U1P-1, U1P-2, V1P-1, V1P-2
- TDC6: X2P-1, X2P-2, U2P-1, U2P-2
- TDC7: V2P-1, V2P-2, X3P-1, X3P-2

- V1190:

- TDC1: X1-1, X1-2, U1-1, U1-2, V1-1, V1-2, X3-1, Ref
- TDC2: X2-1, X2-2, U2-1, U2-2, V2-1, V2-2, X3-2, Ref
- TDC3: X1P-1, X1P-2, U1P-1, U1P-2, V1P-1, V1P-2, X3P-1, Ref
- TDC4: X2P-1, X2P-2, U2P-1, U2P-2, V2P-1, V2P-2, X3P-2, Ref

Single 2-pin wire for ref of each V1190