Register 16 module HW3, PI 8 8 g g EO3 D\_TOJ\_ 9 E13 wren Clk rest rst 0-(0) g [15] CIK -CIK RH - Pot Wr-en \* Wren most be high in order to update register ralue, otherwise old value is retenned

HW3, P1 Registerfile WentoJ CIR Real Data RSt RINTED WILL Q-Real 2 Data -Rate 16 A Wnte CIK- CW Read (Reg Se) - MANAGORAM -rst Rejuti16 Real & Reg Sel Write Data Wnterey Sel WV.en[7] RINEFJAD When Q-1-Rout [7] CIL -CIK 128+ Pot Pegistal6 Wrentos Rat [0] . 1 Rat [7) + Wntergel -> delader to Real 1 Doctor Wien [7] MUX Rod 闭一 Real Ry Sel + RINTO] Rout[0]-16 WriteData (Demux - Reud Data MWX H RIN[7] Pat(F) RealakeySel WINTERESEL