Design Example -> Counter that increments every 1 Second. Requirement: Input clock frequency is 50 MMz The output bits not specified The output bits not specified The output bits make it configurable as Sommer dock Clock Took The output bits make it configurable as Sommer dock The output bits make it configurable as Sommer dock The output bits make it configurable as Somer dock The output bits make it configurable as Somer dock The output bits make it configurable as Counter Micro Architecture Covelogie for hezpulse-gun: 50 MHz = 50 000 000 Click cycles per second one A country that can count from 6 to 50000000 and produce a pile when 58000000 i's reached. Mod 50000000 counter Size of the counter: 2 \$ 50000000 Corelogic for one Shot generator (nab b) Verilog Coding Top level with pm details One Shot - gen hoding & tosting integrate in top level & test the top level (3) U 2. Stop watch design SOPWASCH - X8X9X0 - X8X9X 0,0 a a 8 bits Sout choch SHIRKER 8, WEV ~ cul enable Solit