

AUTHOR SAYAN RANA
MY COMPANY

Sheet: /Clock Module/
File: Clock-Module.kicad_sch

Title: 8-BIT COMPUTER CLOCK

Size: A4 Date: 2024-09-15

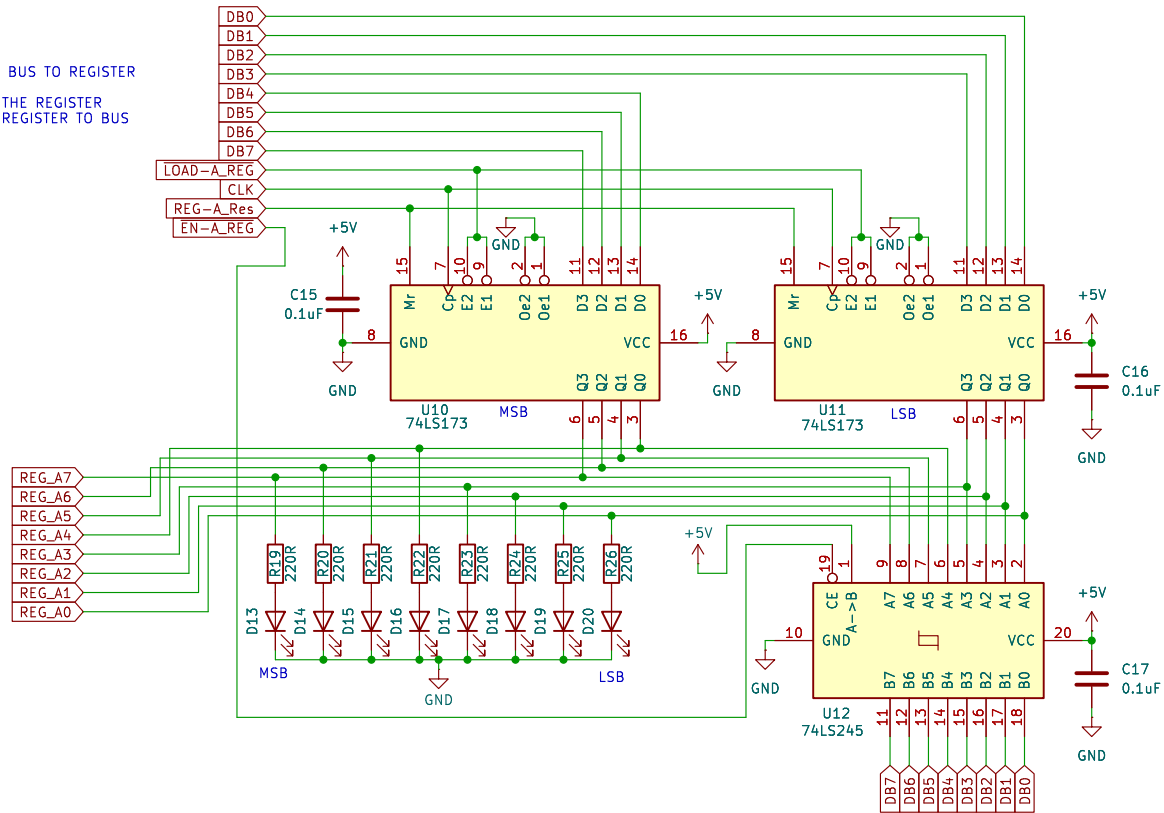
KiCad E.D.A. 8.0.5

Rev: 0.0

Id: 2/7

1	2	3	4	5	
A					
B	<div>8-BIT A REGISTER</div> <div></div> <div>File: A_REGISTER.kicad_sch</div>	<div>8-BIT B REGISTER</div> <div></div> <div>File: B_REGISTER.kicad_sch</div>	<div>8-BIT INSTRUCTION REGISTER</div> <div></div> <div>File: INST_REGISTER.kicad_sch</div>		
C					
D	<div><div>AUTHOR SAYAN RANA</div><div>MY COMPANY</div><div>Sheet: /8-BIT REGISTER/</div><div>File: 8-BIT_REGISTER.kicad_sch</div><div>Title: 8-BIT REGISTER INDEX</div><div><div>Size: A4</div><div>Date: 2024-09-16</div><div>Rev: 0.0</div></div><div>KiCad E.D.A. 8.0.5</div><div>Id: 3/7</div></div>				
1	2	3	4	5	

DB0-DB7 ==> DATA BUS 0 TO 7
!LOAD-A_REG ==> FETCH THE DATA FROM BUS TO REGISTER
CLK ==> CLOCK INPUT
REG-A_Res ==> RESET THE CONTENT OF THE REGISTER
!EN-A_REG ==> OUTPUT THE DATA FROM REGISTER TO BUS



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Sheet: /8-BIT REGISTER/8-BIT A REGISTER/
File: A_REGISTER.kicad_sch

Title: 8-BIT A REGISTER

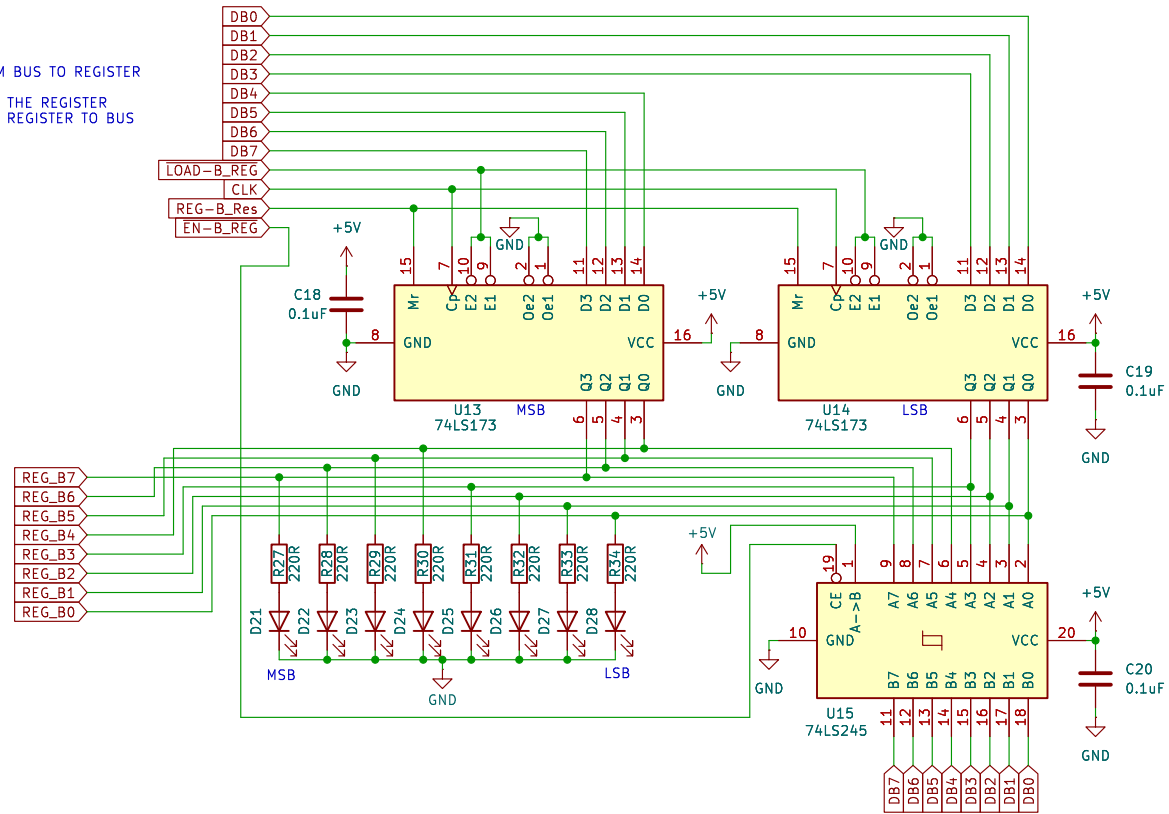
Size: A4 Date: 2024-09-16

KiCad E.D.A. 8.0.5

Rev: 0.0

Id: 4/7

DB0-DB7 ==> DATA BUS 0 TO 7
!LOAD-B_REG ==> FETCH THE DATA FROM BUS TO REGISTER
CLK ==> CLOCK INPUT
REG-B_Res ==> RESET THE CONTENT OF THE REGISTER
!EN-B_REG ==> OUTPUT THE DATA FROM REGISTER TO BUS



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Sheet: /8-BIT REGISTER/8-BIT B REGISTER/
File: B_REGISTER.kicad_sch

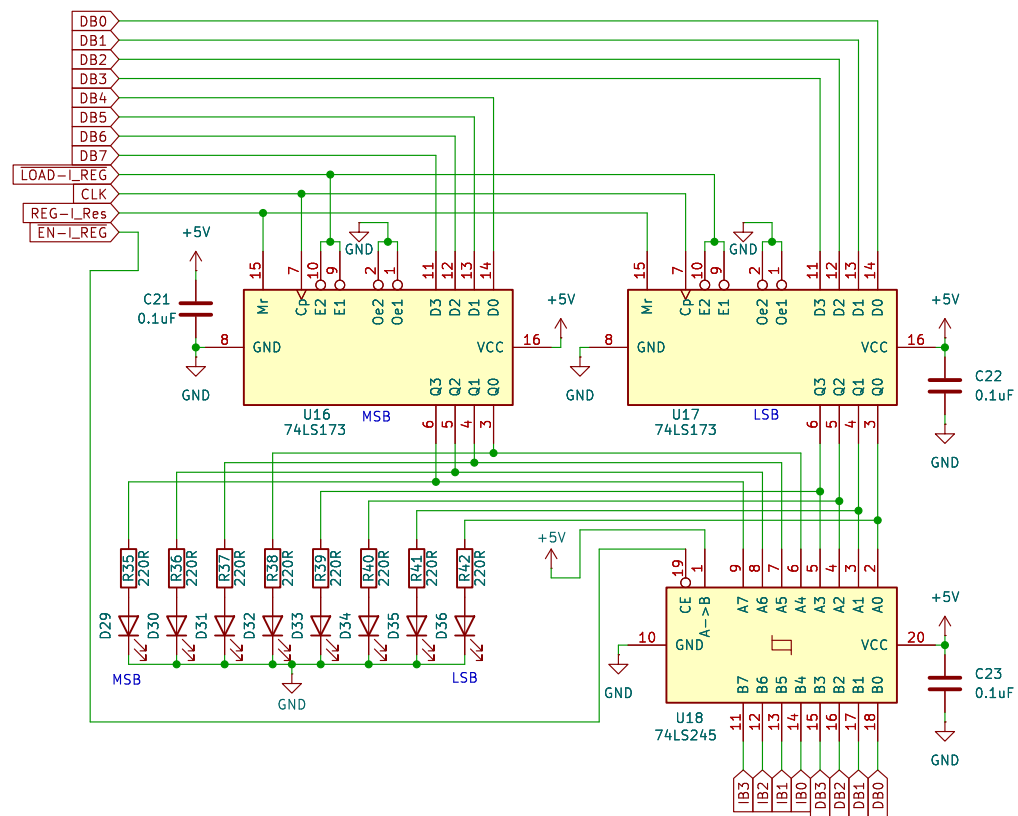
Title: 8-BIT B REGISTER

Size: A4 Date: 2024-09-16

KiCad E.D.A. 8.0.5

Rev: 0.0

Id: 5/7



Id: 6/7

