Next >



Course Progress Dates Discussion Course > Graded Quiz-2 Spring "22 > Quiz 2 {COMPUTER PORTS + IC 82C55} > Quiz 2 Questions Previous Quiz 2 Questions Quiz due Mar 1, 2022 18:35 +06  $\square$  Bookmark this page Multiple Choice 1 point possible (graded, results hidden) If the Microcontroller wants to send a 8 bit output to Port C, which of the following option of pin values is true? C A0 = 0, A1 = 0, WR' = 0, RD' = 1 A0 = 0, A1 = 1, WR' = 1, RD' = 0 C A0 = 1, A1 = 0, WR' = 0, RD' = 1 C A0 = 0, A1 = 1, WR' = 0, RD' = 1 C A0 = 1, A1 = 0, WR' = 1, RD' = 0 You have used 1 of 1 attempt Answer submitted. Multiple Choice 1 point possible (graded, results hidden) If we want to use all three ports of the 82C55 as I/O ports, which mode should be used for all three ports? C Mode 1 C Mode 2 C Bit Set/ Reset Mode Mode 0 You have used 1 of 1 attempt Answer submitted. Multiple Choice 1 point possible (graded, results hidden) Which pins are used to transfer data from the Data Bus Buffer to the Microprocessor? C PA0 - PA7 **○** D0 - D7. C WR0 - WR7. C PC0 - PC7. You have used 1 of 1 attempt 1 Answer submitted. Multiple Choice 1 point possible (graded, results hidden) If we want to use the 8 pins of Port C as output for 8 buzzers (Output Device), which of the following control signals is correct? C 11010011 G 10000000 C 10001001 C 01111111

Submit You have used 1 of 1 attempt

c	The CPU is writing to Port A and reading from Port C.
	PC1 is set to 1.
	PC0 is set to 1.
0	The CPU is writing from port-B and reading from port-C.
	Si
Sub	You have used 0 of 1 attempt
	iple Choice nt possible (graded, results hidden)
uppo	se, the Port A of 82C55 is connected with a hard drive. Now, Which of the following statement is true?
c	Port B can be configured for Mode 1 or Mode 0
0	Port C pins 6 and 7 can work as I/0
c	Port B can only be configured for Mode 1
	Port C pins 4 and 5 can work as I/0
Sub	You have used 0 of 1 attempt
4l+	iple Chaice
	iple Choice  possible (graded, results hidden)
/hen	does the OBF signal go high?
0	When CPU enables the write signal to send output to port-A.
•	When the output device responds with an ACK signal.
С	When the data has been written in the output port.
С	When PC7 is set to 1.
Sub	You have used 1 of 1 attempt
Α Δ	answer submitted.
	and a submitted.
	iple Choice possible (graded, results hidden)
	vant to interface an 82C55 with the keyboard and mobile, which step has to be done first?
0	Enable RD pin to receive data from port A.
	Enable RD pin to receive data from port B.
	Write a word in the control register to program 82C55.
С	To check either port C is handshaking properly or not
Cul	and the second s
Sul	You have used 1 of 1 attempt
<b>1</b> A	nswer submitted.
∕lulti	iple Choice
	possible (graded, results hidden)
Vhv a	re the inputs buffered mainly in Mode 0?
villy d	To store the Input bits
	To cancel the noise from input
С	
c c	As the buffer can hold 8 bits at a time

Answer submitted.

Answer submitted.

	Interrupt
С	Strobe
c	Input Buffer Full
С	
	Read
Sı	bmit You have used 1 of 1 attempt
50	You have used 1 of 1 attempt
0	Answer submitted.
Иul	iple Choice
	int possible (graded, results hidden)
we	want to send a High signal specifically from the pin 3 of Port C, what should be the control bits to configure the 82C55 IC?
0	01010110
С	10110111
С	01110111
C	10010111
c	01110101
	Se Se
Sı	You have used 0 of 1 attempt
c	Keyboard can be added in port-A and Mouse can be added in port-C.
С	Printer can be added in port-A and LED can be added in port-C.
С	Touchscreen can be added in port-A and Seven-segment display can be added in port-C.
о О	Touchscreen can be added in port-A and Seven-segment display can be added in port-C.  LEDs can be added in port-A and switch can be added in port-C.
c	LEDs can be added in port-A and switch can be added in port-C.  Switches can be added in port-A and LEDs can be added in port-C.
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Su Mul point or International Control of Con	LEDs can be added in port-A and switch can be added in port-C.  Switches can be added in port-A and LEDs can be added in port-C.  Salomit You have used 0 of 1 attempt  iple Choice t possible (graded, results hidden) 1C 82C55 is configured with 10101001, can we connect a Keyboard with port C?  Yes  No  Drift You have used 1 of 1 attempt  Answer submitted.  iple Choice t possible (graded, results hidden) put Handshaking, which signal is sent from the 82C55 to the interfaced device?  Strobe Signal.  Interrupt Request  Input Buffer Full.
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Multiple Choice

What should be the control bits if we connect a pendrive to Port A and a microphone to Port B?

C 1011x10x.
C 11x0x01x.
C 1010x10x.

Submit You have used 1 of 1 attempt

Answer submitted.

Previous Next >

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1 point possible (graded, results hidden)

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