

AVALIAÇÃO 3

2020 / 2021

→ CODIFICAÇÃO ALFANUMÉRICO - BINÁRIO

$$\text{BIT 0} = E5 + EL + EA + E3$$

$$\text{BIT 1} = E5 + EL + E2 + E3$$

$$\text{BIT 2} = E5 + EA + E2 + E3$$

$$\text{BIT 3} = E4$$

→ DECODIFICAÇÃO BINÁRIO - 7 segmentos

	00	01	11	10	
00		1			
01		1	1	1	$\bar{C}D + BC$
11	X	X	X	X	
10		X	X	X	

	00	01	11	10	
00				1	
01		1	1	1	$A\bar{C} + BD + C\bar{D}$
11	X	X	X	X	
10	1	X	X	X	

	00	01	11	10	
00		1		1	
01	1	1	1		$B\bar{C} + A\bar{C} + \bar{C}D + BD + \bar{B}C$
11	X	X	X	X	
10	1	X	X	X	

	00	01	11	10
00		1	1	
01	1		1	1
11	x	x	x	x
10		x	x	x

$B\bar{D} + \bar{B}D + CD$

	00	01	11	10
00			1	
01	1	1		1
11	x	x	x	x
10		x	x	x

$B\bar{D} + B\bar{C} + \bar{B}CD$

	00	01	11	10
00		1	1	
01		1		
11	x	x	x	x
10	1	x	x	x

$A\bar{C} + \bar{C}D + \bar{B}CD$

	00	01	11	10
00		1		
01		1	1	1
11	x	x	x	x
10	1	x	x	x

$A\bar{C} + \bar{C}D + BC$