Facultatea de Matematică și Informatică

Universitatea din București

Temă laborator 2

Electronică digitală

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**Schema 1**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D1** | **D2** | **D3** | **Y** |
| L | L | L | ON | ON | ON | L |
| L | L | H | ON | ON | OFF | L |
| L | H | L | ON | OFF | ON | L |
| L | H | H | ON | OFF | OFF | L |
| H | L | L | OFF | ON | ON | L |
| H | L | H | OFF | ON | OFF | L |
| H | H | L | OFF | OFF | ON | L |
| H | H | H | OFF | OFF | OFF | H |
| AER | AER | AER | OFF | ON | OFF | H |

**Schema 2**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D1** | **D2** | **D3** | **Y** |
| L | L | L | OFF | OFF | OFF | L |
| L | L | H | OFF | OFF | ON | H |
| L | H | L | OFF | ON | OFF | H |
| L | H | H | OFF | ON | ON | H |
| H | L | L | ON | OFF | OFF | H |
| H | L | H | ON | OFF | ON | H |
| H | H | L | ON | ON | OFF | H |
| H | H | H | ON | ON | ON | H |
| AER | AER | AER | OFF | OFF | OFF | L |

**Schema 3**

|  |  |  |
| --- | --- | --- |
| **A** | **Q1** | **Y** |
| L | OFF | H |
| H | ON | L |
| AER | OFF | H |

**Schema 4**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **Q1** | **Q2** | **Y** |
| L | L | ON | ON | L |
| L | H | ON | OFF | L |
| H | L | OFF | ON | L |
| H | H | OFF | OFF | H |
| AER | AER | ON | ON | H |

**Schema 5**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **Q1** | **Q2** | **Y** |
| L | L | OFF | OFF | L |
| L | H | OFF | ON | H |
| H | L | ON | OFF | H |
| H | H | ON | ON | H |
| AER | AER | OFF | OFF | L |

**Schema 6**

|  |  |  |  |
| --- | --- | --- | --- |
| **A** | **B** | **Q1** | **Y** |
| L | L | OFF | L |
| L | H | ON | H |
| H | L | ON | H |
| H | H | ON | H |
| AER | AER | OFF | L |

**Schema 7**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **Q1** | **Q2** | **Y** |
| L | L | OFF | OFF | H |
| L | H | OFF | ON | H |
| H | L | ON | OFF | H |
| H | H | ON | ON | L |
| AER | AER | OFF | OFF | L |