**TABELAS VERDADE DAS PORTAS LÓGICAS**

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PORTA NOT:

|  |  |
| --- | --- |
| ENTRADA | SAÍDA |
| A | Y |
| 0 | 1 |
| 1 | 0 |

PORTA OR:

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 1 |

PORTA AND:

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 0 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |

PORTA NOR:

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 0 |

PORTA NAND:

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 1 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

PORTA XOR

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 0 |
| 0 | 1 | 1 |
| 1 | 0 | 1 |
| 1 | 1 | 0 |

PORTA XNOR:

|  |  |  |
| --- | --- | --- |
| ENTRADA | | SAIDA |
| A | B | Y |
| 0 | 0 | 1 |
| 0 | 1 | 0 |
| 1 | 0 | 0 |
| 1 | 1 | 1 |