Bảng ngõ ra controller

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **ER1** | **ER2** | **ER3** | **ER4** | **ER5** | **AU1[1]** | **AU1[0]** | **AU2[1]** | **AU2[0]** | **ET1** | **ET2** | **ET3** | **ET4** | **ET5** | **ET6** | **ET7** | **ET8** | **ET9** | **ET10** | **ET11** | **ET12** | **DONE** |
| **S0** | 1 | 1 | 0 | 0 | 0 | X | X | X | X | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S1** | 1 | 0 | 0 | 0 | 0 | 0 | 1 | X | X | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S2** | 0 | 1 | 0 | 0 | 0 | 0 | 1 | X | X | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S3** | 0 | 0 | 0 | 0 | 1 | 1 | 0 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S4** | 0 | 0 | 1 | 1 | 0 | 1 | 1 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **S5** | 1 | 1 | 1 | 0 | 0 | X | X | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
| **S6** | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| **S7** | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| **S8** | 0 | 0 | 0 | 0 | 1 | 1 | 0 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **S9** | 0 | 0 | 1 | 1 | 0 | 1 | 1 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **ER1** | **ER2** | **ER3** | **ER4** | **ER5** | **AU1[1]** | **AU1[0]** | **AU2[1]** | **AU2[0]** | **ET1** | **ET2** | **ET3** | **ET4** | **ET5** | **ET6** | **ET7** | **ET8** | **ET9** | **ET10** | **ET11** | **ET12** | **DONE** |
| **S0** | 1 | 1 | 0 | 0 | 0 | X | X | X | X | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S1** | 1 | 0 | 0 | 0 | 0 | 0 | 1 | X | X | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S3** | 0 | 0 | 0 | 0 | 1 | 1 | 0 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S2** | 0 | 1 | 0 | 0 | 0 | 0 | 1 | X | X | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **S7** | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| **S6** | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 |
| **S4** | 0 | 0 | 1 | 1 | 0 | 1 | 1 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| **S5** | 1 | 1 | 1 | 0 | 0 | X | X | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 1 | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |
| **S8** | 0 | 0 | 0 | 0 | 1 | 1 | 0 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| **S9** | 0 | 0 | 1 | 1 | 0 | 1 | 1 | X | X | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |
|  | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | X | 0 |