**Erkundung: Mikroprogramm**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Zeile | Dezimalzahl | Zahl im Binärsystem (Dualzahl) | | | | | | | | | | | | | | |
| 14  Inc  PCz | 13  Inc  PC | 12  write  Ir | 11  read  Ir | 10  write  PC | 9  read  PC | 8  write  Accu | 7  read  Accu | 6  dec  Accu | 5  inc  Accu | 4  read  Mem | 3  write  Mem | 2  read  MPC | 1  clr  MPC | 0 halt |
| 00 | 1024 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 01 | 3080 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 02 | 1032 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| 03 | 4069 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 04 | 4100 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| … |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10 | 4096 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11 | 4232 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 12 | 4104 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 13 | 12320 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| 14 | 4368 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| 15 | 4352 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 16 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 |
| … |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |