

Grupo: 2.B

Profesor: Joel Vázquez

Nombre: Daniela Beatriz Martínez Montes

Matricula: 1603150184

SISTEMAS DIGITALES

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|  |  |  |  |  | **TABLA DE VERDAD** | | | |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
|  | **X** | **Y** | **Z** | **W** | **a** | **b** | **c** | **d** | **e** | **f** | **g** |  |
|  | 0 | 0 | 0 | 0 | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** | ***0*** |  |
|  | 0 | 0 | 0 | 1 | ***0*** | ***1*** | ***1*** | ***0*** | ***0*** | ***0*** | ***0*** |  |
|  | 0 | 0 | 1 | 0 | ***1*** | ***1*** | ***0*** | ***1*** | ***1*** | ***0*** | ***1*** |  |
|  | 0 | 0 | 1 | 1 | ***1*** | ***1*** | ***1*** | ***1*** | ***0*** | ***0*** | ***1*** |  |
|  | 0 | 1 | 0 | 0 | ***0*** | ***1*** | ***1*** | ***0*** | ***0*** | ***1*** | ***1*** |  |
|  | 0 | 1 | 0 | 1 | ***1*** | ***0*** | ***1*** | ***1*** | ***0*** | ***1*** | ***1*** |  |
|  | 0 | 1 | 1 | 0 | ***1*** | ***0*** | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** |  |
|  | 0 | 1 | 1 | 1 | ***1*** | ***1*** | ***1*** | ***0*** | ***0*** | ***0*** | ***0*** |  |
|  | 1 | 0 | 0 | 0 | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** |  |
|  | 1 | 0 | 0 | 1 | ***1*** | ***1*** | ***1*** | ***0*** | ***0*** | ***1*** | ***1*** |  |
|  | 1 | 0 | 1 | 0 | ***1*** | ***1*** | ***1*** | ***0*** | ***1*** | ***1*** | ***1*** |  |
|  | 1 | 0 | 1 | 1 | ***0*** | ***0*** | ***1*** | ***1*** | ***1*** | ***1*** | ***1*** |  |
|  | 1 | 1 | 0 | 0 | ***1*** | ***0*** | ***0*** | ***1*** | ***1*** | ***1*** | ***0*** |  |
|  | 1 | 1 | 0 | 1 | ***0*** | ***1*** | ***1*** | ***1*** | ***1*** | ***0*** | ***1*** |  |
|  | 1 | 1 | 1 | 0 | ***1*** | ***0*** | ***0*** | ***1*** | ***1*** | ***1*** | ***1*** |  |
|  | 1 | 1 | 1 | 1 | ***1*** | ***0*** | ***0*** | ***0*** | ***1*** | ***1*** | ***1*** |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |

**MAPAS DE KARNAUGH**





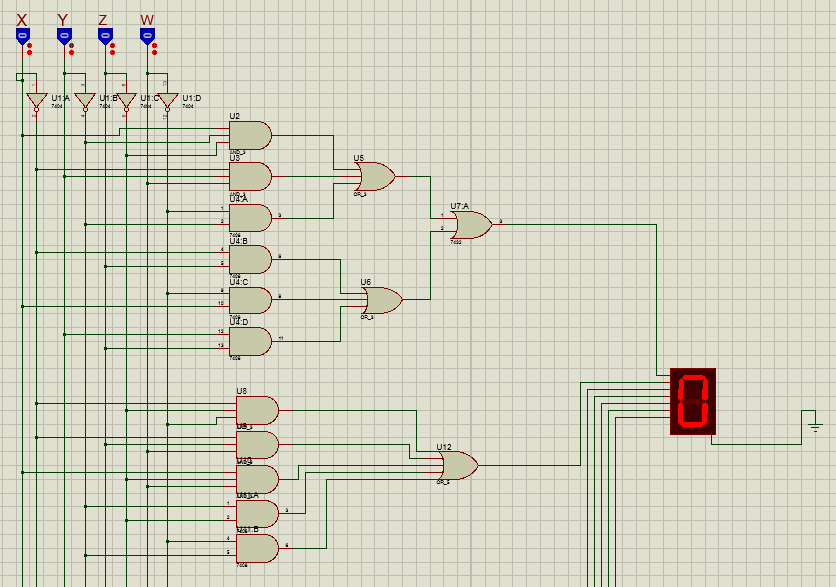


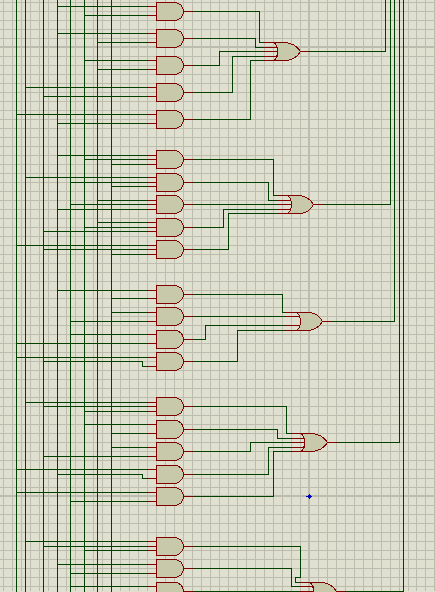


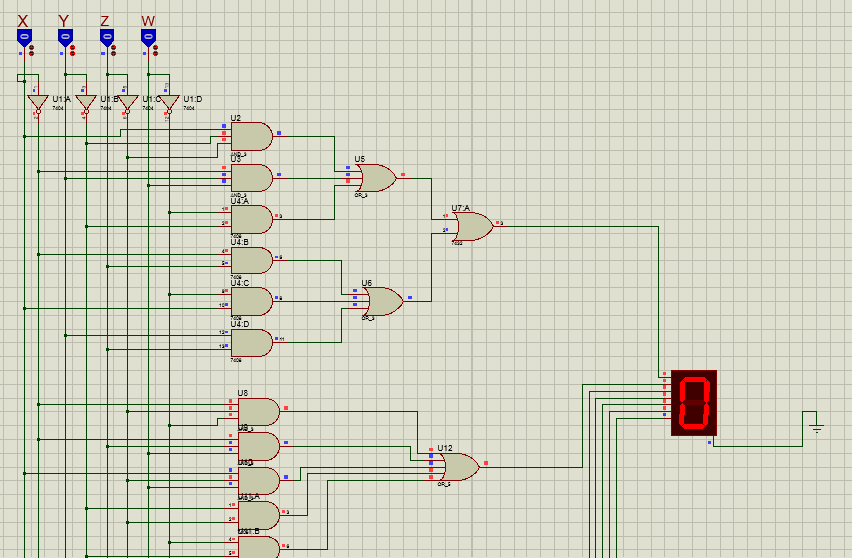


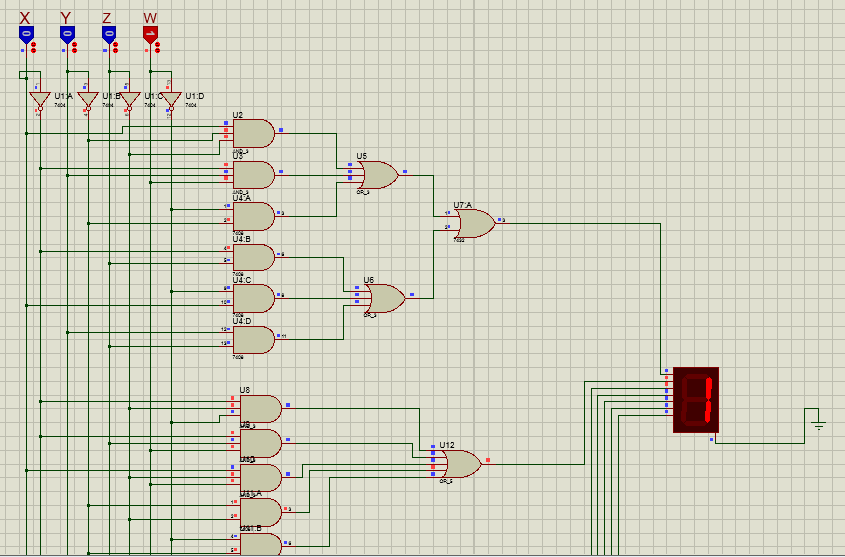


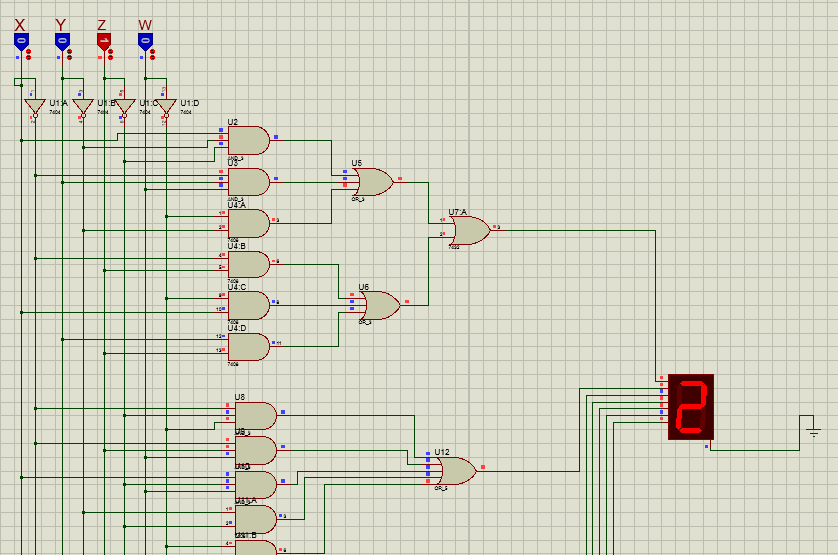
**DISPLAY**

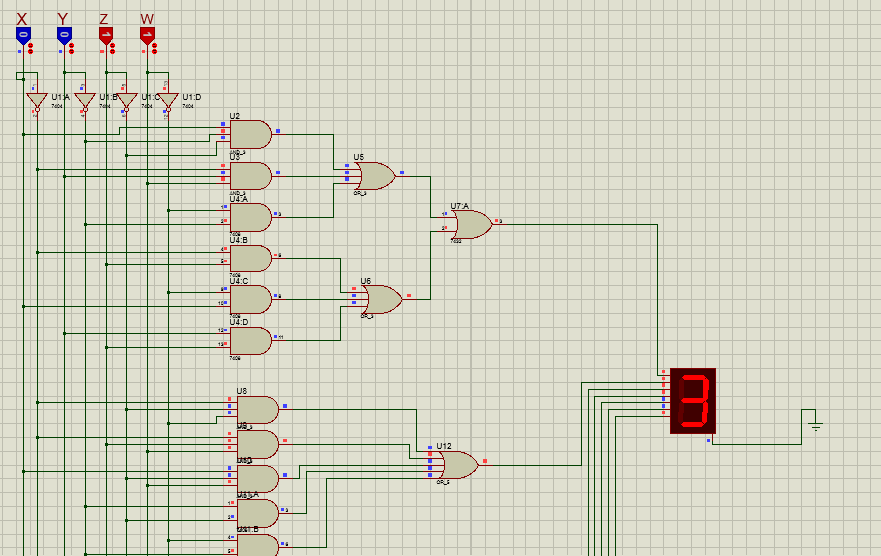
**Imágenes del circuito en proteus**

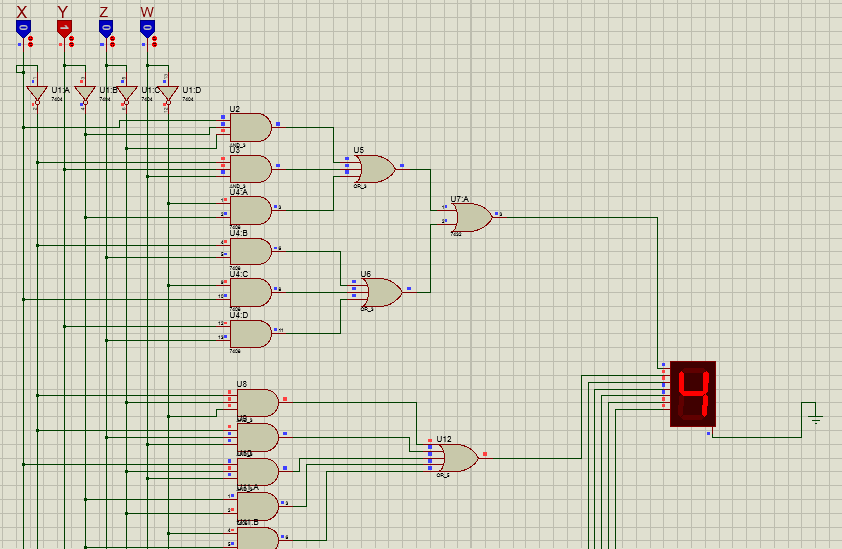
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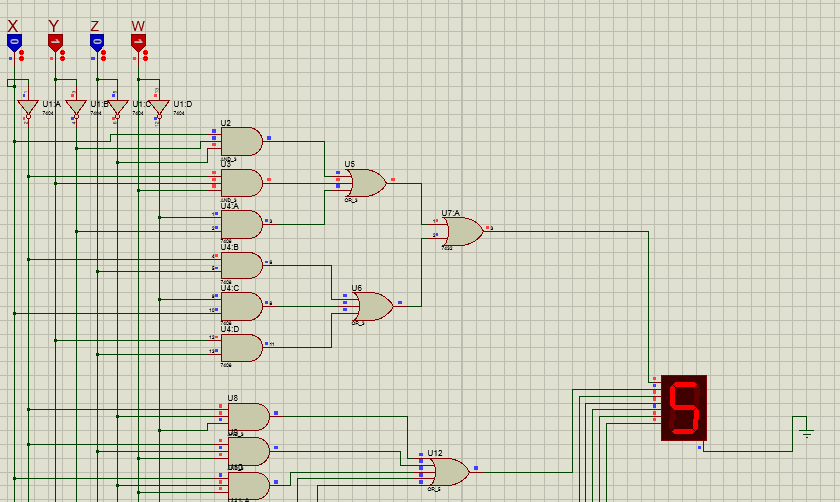
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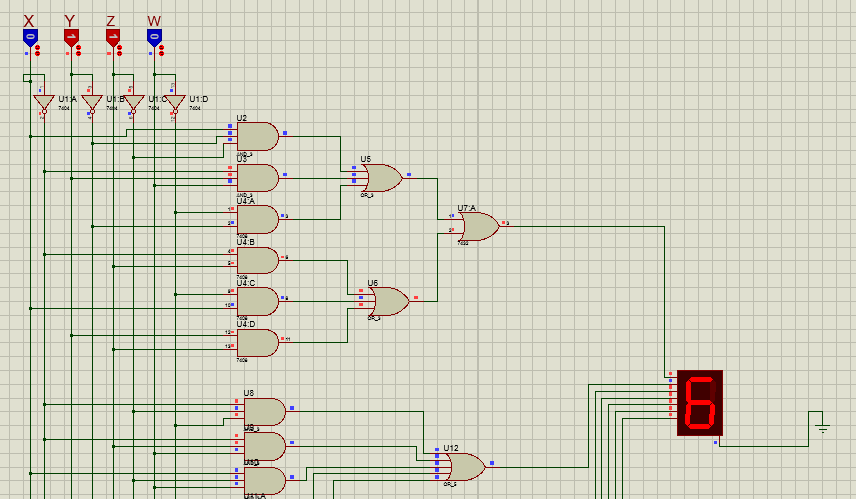
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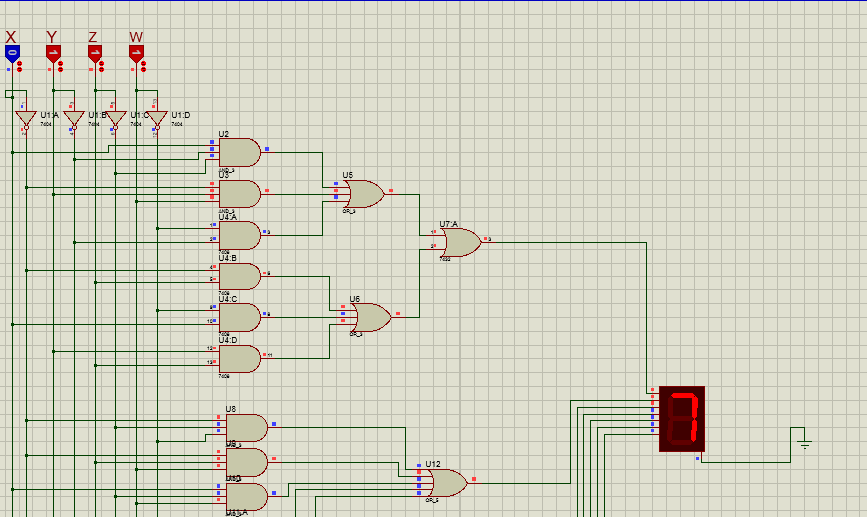
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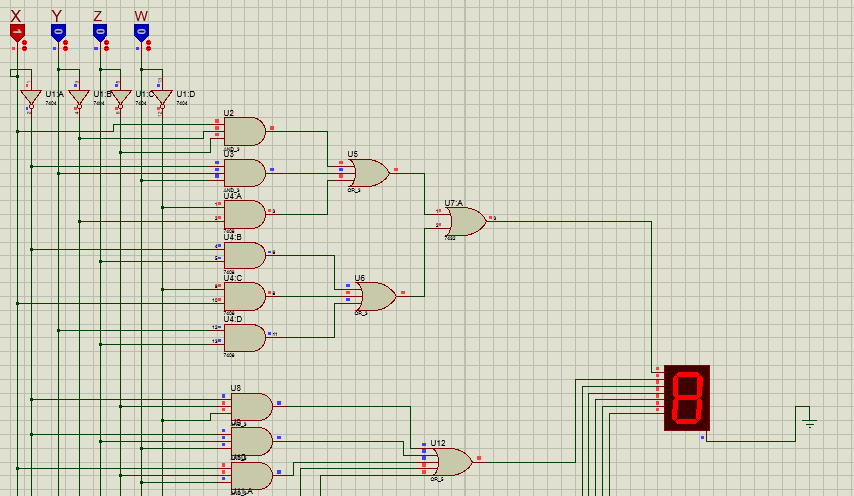
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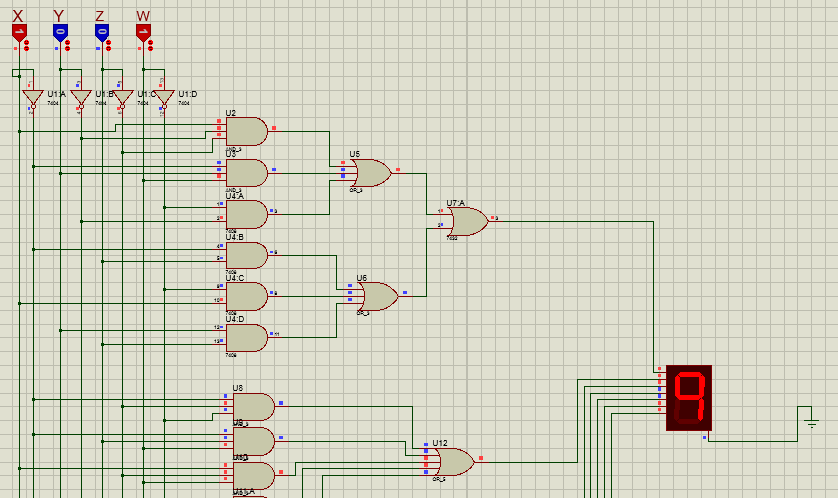
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**Número 5:**

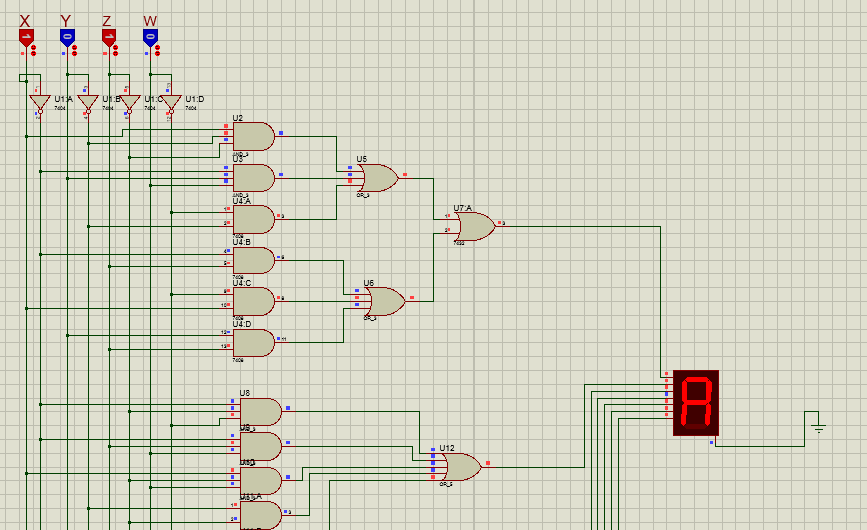
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**Número 7:**

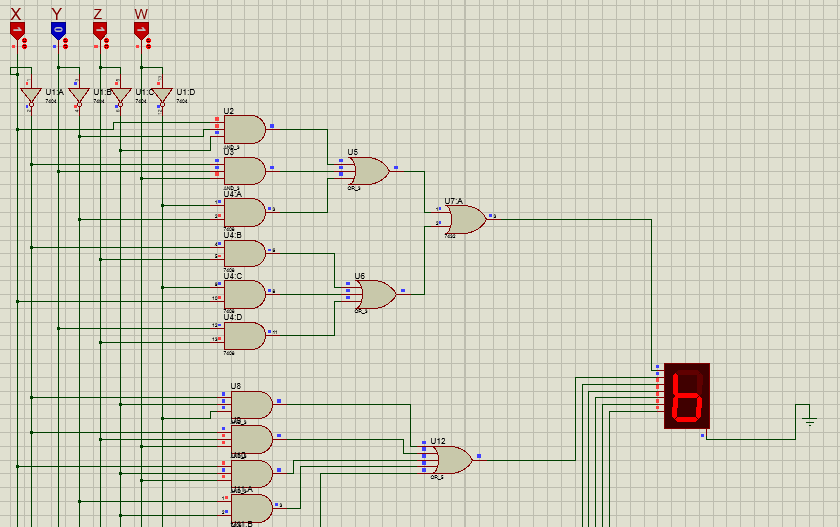
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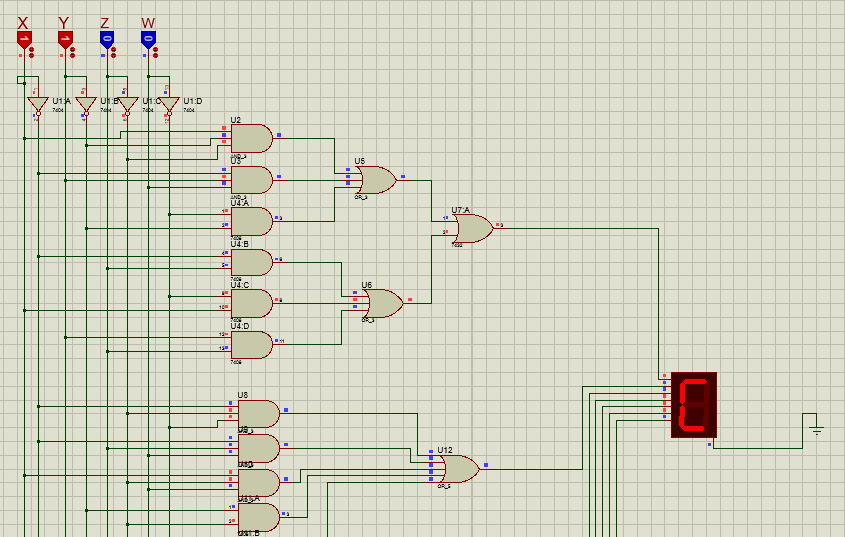
**Número 10:**

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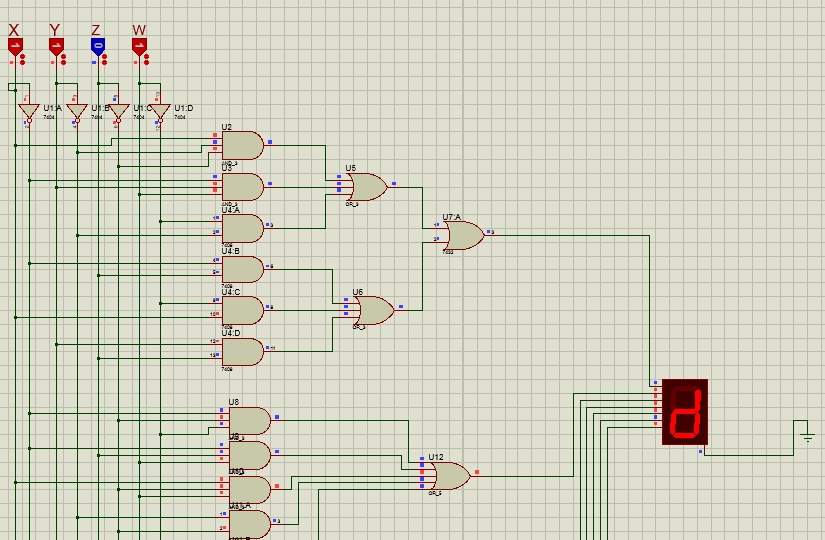
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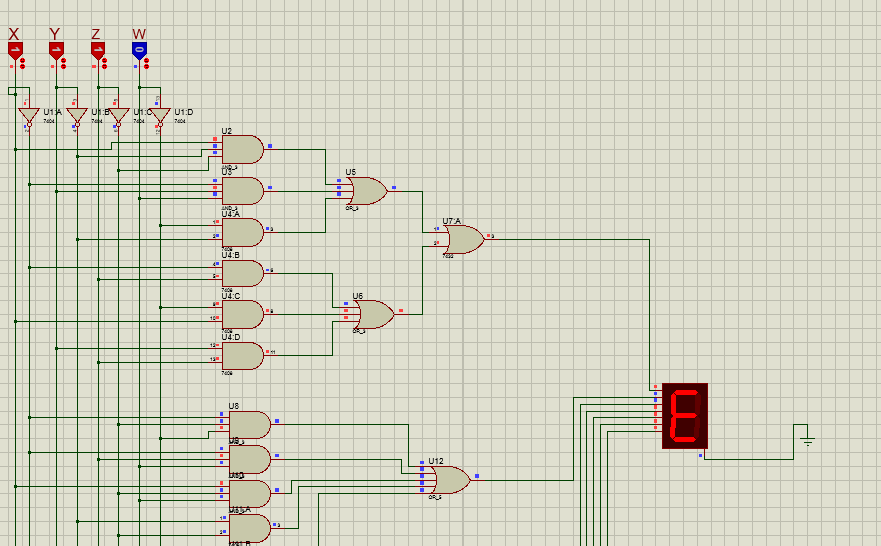
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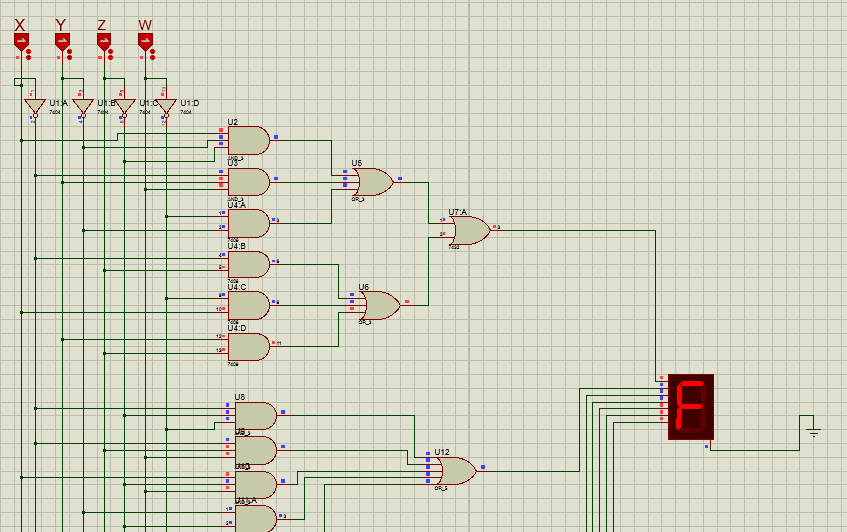
**Número 13:**

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**Número 14:**

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**Número 15:**

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