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|----------|------------|------------|------------|------------|------------|------------|------------|------------|----------|----------|----------|----------|----------|----------|------|------|
| SW | 0zzzzz0000 | 1zzzzz1000 | 1zzzzz1001 | 1zzzzz0110 | 0zzzzz1000 | 1zzzzz1000 | 1zzzzz1100 | 1zzzzz1000 | | | | | | | | |
| HEX0 | 1000000 | 0000000 | 0011000 | 0000010 | 0000000 | | 1000110 | 0000000 | | | | | | | | |
| HEX4 | 1000000 | 0000000 | 1111000 | 0001110 | 1000000 | 1111000 | 0011001 | | | | | | | | | |
| HEX5 | 1000000 | | 0000010 | 0110000 | 1000000 | | 0000011 | | | | | | | | | |
| LEDR | zzxxxxxxx | zz00000000 | zz00001000 | zz01100111 | zz00111111 | zz00000000 | zz00000111 | zz10110100 | | | | | | | | |
| KEY | 1110 | 1111 | 1110 | 1111 | 1010 | 1011 | 0110 | 0111 | 1000 | 1001 | 0100 | 0101 | 0010 | 0011 | 0000 | 0001 |
| ALUout | 000xxxxx | 00000000 | 00001000 | 00010000 | 01100111 | 00001110 | 00111111 | 00000000 | 11000000 | 00000111 | 01110111 | 10110100 | 10000111 | 10110100 | | |
| regState | 00000000 | 00001000 | 01100111 | 00111111 | 00000000 | 00000111 | 10110100 | | | | | | | | | |
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