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g47_7_segment_decoder

7-segment Decoder circuit

Description:

The 7-segment Decoder circuit takes as input a 5-bit encoded value (CODE) which drives a 7-bit 7-segment display (SEGMENTS). The code represents a letter from A (0) to Z (25) which turns on segments that are active-low (turned on when driven low).

Input:

CODE (5-bits) - encoded value

Output:

SEGMENTS (7-bits) - segments necessary to represent the letter

Diagram:

Testing: