

1 Digital System Design with High-Level Synthesis in FPGA

7Segment BCD Code: Quiz Solution

www.highlevel-synthesis.com

This file is a resource of the UdeMy course: Digital System Design with High-Level Synthesis for FPGA: Combinational Circuits
<https://www.udemy.com/course/hls-combinational-circuits/?referralCode=8D449A491B9F4582DDEF>

The decimal value of the *0b0001010001110100* binary number is 5,236.

Digit	5	2	3	6
BCD Code	0101	0010	0011	0110

Using the above table that shows the compact BCD code for each digit, then the compact BCD code for the given binary number is 0101001000110110.

