

The 7-bit device address is 111011x. The 6 MSB bits are fixed. The last bit is changeable by SDO value and can be changed during operation. Connecting SDO to GND results in slave address 1110110 (0x76); connection it to  $V_{DDIO}$  results in slave address 1110111 (0x77), which is the same as BMP180's I<sup>2</sup>C address. The SDO pin cannot be left floating; if left floating, the I<sup>2</sup>C address will be undefined.