

## Filter 4

Format: 0.24, 2's complement

```
[111111000101110100111010, 111011100011110001001010, 111111110111100000100000,  
000000011110010100000011, 000001110111100111111000, 000001111100001010010010,  
000000100000001000001100, 11111000100011011101101, 111100011010011110100010,  
111100111111010100011111, 000000101011010111011000, 00110101110111000110101,  
001101000010101010000111, 010001000011011001101010, 010001000011011001101010,  
001101000010101010000111, 000110101110111000110101, 000000101011010111011000,  
111100111111010100011111, 111100011010011110100010, 111110001000110111011101,  
000000100000001000001100, 000001111100001010010010, 000001110111100111111000,  
000000011110010100000011, 111111110111100000100000, 111011100011110001001010,  
111111000101110100111010]
```

## Filter 8

Format: 0.24, 2's complement

```
[000001101001100001011011, 111111101011100101100, 111111101010100010011110,  
111111100010011110111011, 111111100100100011001110, 111111110000110111101111,  
111111111111110111110101, 000000000111011001010110, 0000000000010000101101111,  
111111110011101110101111, 11111110011100001000011, 111111100110000100001101,  
111111110010111011100101, 000000000101011101011101, 000000010000101100101101,  
0000000011000010101110100, 11111111010011111100101, 111111101000001110000110,  
111111100011001110000011, 111111110000011110010000, 000000000111101100101101,  
000000011000100011000100, 000000010110001001000100, 0000000000001000010111011,  
111111100111101110000010, 111111011100111100100000, 11111110101000100011110,  
000000000111010010001110, 00000010000001001101101, 000000100001110110111010,  
000000001001010100001010, 11111110011010100001010, 111111101001011101111100,  
111111011110110001001100, 0000000000111010100001, 000000101000111110111101,  
000000110010010000011011, 000000010101110111101110, 111111100101010100010111,  
111111000011001000100011, 111111001010111000101100, 111111111011101110110111,  
000000110101101110010110, 00000100110111100000100, 000000101101001110000011,  
11111110010001000100001, 111110100100110101101, 111110100001011010101101,  
111111100111100111110111, 000001001111011101111, 000010001111000110100001,  
0000011010101011010100, 111111100011100010101011, 111101000110011101100011,  
11110000101000111101001, 11111000110011010001111, 0000110101011011011001,  
00101000000110100011001, 001111101001000001111101, 010001110101100101000101,  
001111101001000001111101, 00101000000110100011001, 0000110101011011011001,  
111110001100110100011111, 111100001010001111101001, 111101000110011101100011,  
111111100011100010101011, 0000011010101011010100, 000010001111000110100001,
```

0000010011101110110111, 111111001110011110111, 11111010001011010101101,  
111110100100110100101101, 11111100100010001000001, 000000101101001110000011,  
00000100110111100000100, 00000011010110110010110, 111111110111011101110111,  
111111001010111000101100, 111111000011001000100011, 111111100101010100010111,  
000000010101110111101110, 00000011001001000011011, 00000010100011110111101,  
0000000000011110101100001, 11111101111011001001100, 11111101001011101111000,  
111111100110101100001010, 000000001001010100001010, 00000010000111011011101,  
000000100000001001101101, 00000000111010010001110, 11111110101000100011110,  
11111101110011110010000, 11111100111101110000010, 00000000000100001011101,  
0000000010110001001000100, 00000001100010001100, 0000000000111101100101101,  
111111110000011110010000, 11111100011001110000011, 111111101000001110000110,  
11111111010011111100101, 00000000110001010110100, 000000001000101100101101,  
00000000010101110101101, 1111111001011011100101, 111111100110000100001101,  
111111100111000001000011, 1111111001110111010111, 0000000000010000101101111,  
000000000111011001010110, 111111111111011110101, 11111110000110111101111,  
111111100100100011001110, 11111110001001110111011, 111111101010100010011110,  
11111110101011100101100, 00000110100110000101101]

## Filter 11

Format: 0.24, 2's complement

[000000010010101010010000, 11111110110111010110100, 11111110101111100000110,  
1111111011000111101111, 11111111001010100011000, 11111111110010000110001,  
000000000010010111100000, 00000000001100011001110, 0000000000000001000101110,  
111111111011110000001101, 11111111001011011101101, 111111111011010011011110,  
000000000000011011100100, 00000000101010100001100, 000000000110010100101101,  
00000000001001110110100, 1111111110001010000101, 111111111000011000001111,  
11111111100111001111001, 1111111111111101010111011, 000000000110100011001000,  
0000000010001010101100, 00000000100011000111011, 1111111111000111011101111,  
111111110110101000101000, 11111111011101101000011, 111111111110101011110000,  
000000000111011101100, 00000000101100111001111, 00000000011011010101111,  
111111111100111110101, 11111111010101101001, 111111110100010110110010,  
11111111110010110101100, 000000001000000100101001, 00000000111000110010111,  
000000001010000011101111, 11111111110000100110011, 11111111001011000011001,  
1111111100001001011100, 11111111001110101110111, 0000000010000101011001111,  
000000010001100100010100, 00000000111000111011110, 1111111111111111111101101,  
11111111000011001000101, 11111110101111101001000, 111111101011101011001111,  
000000001000000010011111, 00000001010101101110, 000000010011101101001111,  
00000000011000001010010, 111111101110111000100111, 111111100110001011010010]

111111110000010000100000, 000000000110111010010101, 00000001101000010000100,  
00000001101011110110110, 00000000011110110001000, 111111101101001000011111,  
111111011110101111101001, 11111110100010011100100, 00000000010010001000001,  
000000011111100111001001, 000000100101000100010000, 0000000001110111100010001,  
111111101011100101100001, 1111111010100100011101111, 1111111011100011001001001,  
00000000000000000000100000, 000000100111000011101110, 000000110100010000100110,  
000000011010111011101100, 1111111010100100011111, 1111111000100111001111111,  
111111100100010001010011, 111111110111010001011010, 0000001100101011101011010,  
000001001110110111101100, 000000110001101110101010, 1111111010010101111100111,  
111110100111000100011010, 111110011111010111110101, 111111100010111100101110,  
000001001011101110101111, 000010001111001100000110, 000001101110101101100110,  
111111101000110010011100, 1111010010010100000011, 1111100001000101111100100,  
111110001000001111011111, 000011010001001001011100, 0010100000000000011000010,  
001111101100011110010010, 010001111010111000010001, 001111101100011110010010,  
0010100000000000011000010, 000011010001001001011100, 11111000100000111101111,  
111100001000101111100100, 1111010010010100000011, 11111110100011001001011100,  
000001101110101101100110, 000010001111001100000110, 000001001011101110101111,  
111111100010111100101110, 111110011111010111110101, 111110100111000100011010,  
111111101001010111110011, 000000110001101110101010, 000001001110110111101100,  
000000110010101101111010, 111111110111010001011010, 111111001000100001010011,  
111111000100111001111111, 111111101010010100011111, 000000011010111011101100,  
000000110100010000110, 000000100111000011101110, 0000000000000000010000000,  
111111011100011001001, 111111010100100011101111, 111111101011100101100001,  
000000001110111100010001, 00000010010100010000, 000000011111100111001001,  
000000000100100001000001, 111111101000010011100100, 111111011110101111101001,  
11111110110100011111, 000000000111101100001000, 00000001101011110110110110,  
000000011010000010000100, 000000000110111010010101, 1111111100000100001000000,  
1111111100110001011010010, 111111101110111000100111, 000000000011000001010010,  
000000010011101101001111, 000000010101011101101110, 000000001000000010011111,  
111111110101110101100111, 11111110101111101001000, 111111110000110010000101,  
11111111111111111101101, 000000001110001110111110, 000000010001100100010100,  
000000001000010101100111, 111111111001110101110111, 11111111000010010101011100,  
11111111001011000011001, 111111111110000100110011, 000000001010000011101111,  
00000000111000110010111, 000000001000000100101001, 111111111100101101011100,  
11111111010010110110010, 111111110100101110100101, 111111111100111101101101,  
0000000001101101010111, 000000001011001111001111, 000000000111011101101101100,  
11111111111010111110000, 111111110111011010000011, 111111110110101000101000,  
1111111111100011110111011, 000000000100011000111011, 000000001000101010101100,  
000000000110100011001000, 1111111111111111010111, 1111111111001110011111001,  
11111111110001100001111, 111111111100010100000101, 000000000010011101101101100,  
000000000110010100101101, 000000000101010100001100, 000000000000000011011100100,  
1111111111010011011110, 11111111110010111101101, 1111111111011110000001101,  
00000000000000001000101110, 00000000000011000111001110, 000000000000100101111000000,

1111111110010000110001, 11111111001010100011000, 111111101100011110111,  
11111111010111100000110, 11111110110111010110100, 000000010010101010010000]