

	0	1	2	3
0	13	2	3	12
1	9	11	1	10
2		6	4	14
3	15	8	7	5

val = 2

```

& 0x578FE460A1B9C32D
  0xFF0FFFFFFFFFFFFFFF
-----
  0x570FE460A1B9C32D
  0x0020000000000000
-----
  0x572FE460A1B9C32D

```