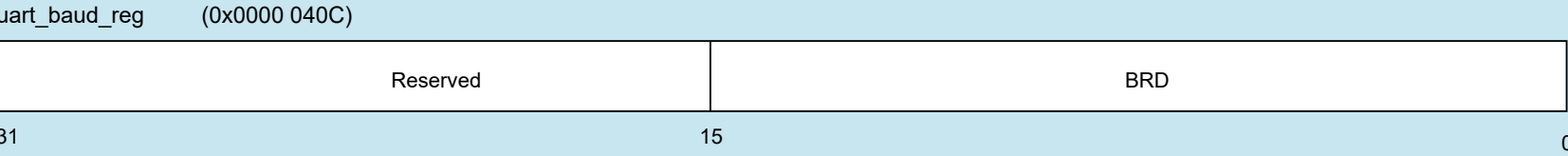
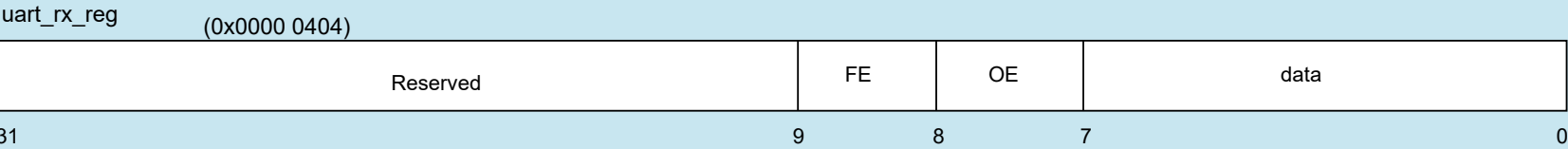


Uart_reg



BRD = sysclk/(16*baud rate)

LSU_controller table

opcode	address	write	read	mem	uart
0100 011	[11: 8] != 4'd4	1	0	1	0
0100 011	[11: 8] = 4'd4	1	0	0	1
0000 011	[11: 8] != 4'd4	0	1	1	0
0000 011	[11: 8] = 4'd4	0	1	0	1