Time				
		100 ns	200 ns	300 ns	400 ns
a[31:0]=11111111111111111111111111111111	11111111111111111111111111111111		00000011101011101010101010100	11000001010111011111100000110001
b[31:0]=11111111111111111111111111111111	11111111111111111111111111111111	01110111000111111111111000000001	00000000000000000000000000000000	11111110011110111111010101010111
y[31:0]=00000000000000000000000000000000	00000000000000000000000000000000	10001000111000000000000111111110	00000011101011101010101010100	00111111001001100000110101100110