

15:AS  
s = (a[7] == b[7])? { a[7], a[7:0] + b[7:0] } : { a[7], a[7:0] - b[7:0] };



16:AS  
overflow = ((a[7] == 0) & (b[7] == 1) & (s[7] == 1) | (a[7] == 1) & (b[7] == 0) & (s[7] == 0)) & (a[7] != s[7]) | (a[7] == 1) & (b[7] == 1) & (s[7] == 0) & (a[7] != s[7]) | (a[7] == 0) & (b[7] == 0) & (s[7] == 1) & (a[7] != s[7]);