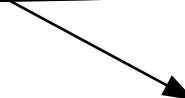


15:AS
b_signed = { b[6:0], b[7] };



17:AS
s_signed = a + b_signed;

19:AS
s = (s_signed[7])? { 1'b1, s_signed[6:0] } : s_signed[7:0];



20:AS
overflow = a[7] & b[7] & ~s[7] | s_signed[7] & a[7] & b[7];

