

15:AS
b2 = ~b;

```
graph TD; Node15([15:AS  
b2 = ~b;]) --> Node17([17:AS  
overflow = a[7] & b2[7] | b[7] & a[7];]); Node15 --> Node20([20:AS  
s = a + b2;]);
```

17:AS
overflow = a[7] & b2[7] | b[7] & a[7];

20:AS
s = a + b2;