

9:AS

out[0] = sel & b[0] | !sel & a[0];

12:AS

out[3] = sel & b[3] | !sel & a[3];

11:AS

out[2] = sel & b[2] | !sel & a[2];

13:AS

out[4] = sel & b[4] | !sel & a[4];

10:AS

out[1] = sel & b[1] | !sel & a[1];