$1136: AS \\ crc_out[3] = din[10] \wedge din[9] \wedge din[8] \wedge din[7] \wedge din[4] \wedge din[3] \wedge din[1] \wedge crc_in[1] \wedge crc_in[2] \wedge crc_in[3] \wedge crc_in[4];$