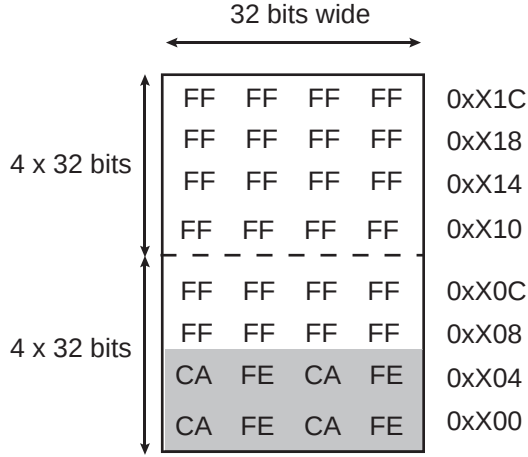
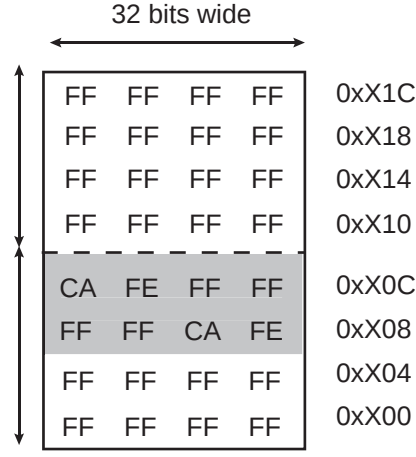
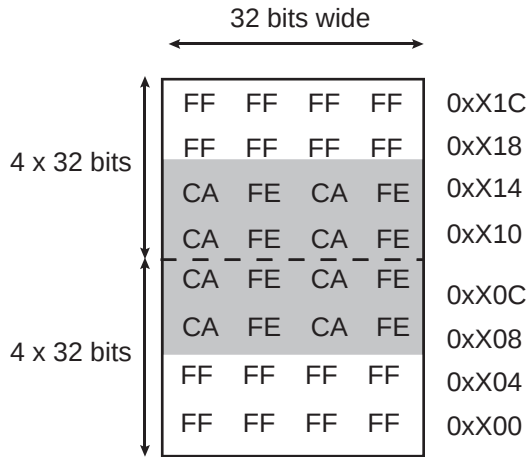




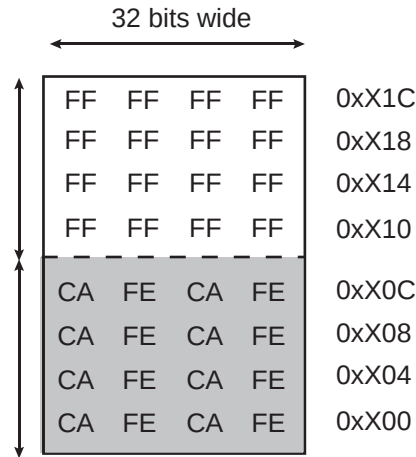
Case 1: 2 x 32 bits modified, not crossing 128-bit boundary
 User programs WP, Flash Controller sends Write Word
 => Only 1 word programmed => programming period reduced



Case 2: 2 x 32 bits modified, not crossing 128-bit boundary
 User programs WP, Flash Controller sends Write Word
 => Only 1 word programmed => programming period reduced



Case 3: 4 x 32 bits modified across 128-bit boundary
 User programs WP, Flash Controller sends WP
 => Whole page programmed



Case 4: 4 x 32 bits modified, not crossing 128-bit boundary
 User programs WP, Flash Controller sends Write Word
 => Only 1 word programmed => programming period reduced