

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
0	0	0	0	0	0	0	0	0	0	I D	V I P	V I F	A C	V M	R F	0	N T	I O P L	O F	D F	I F	T F	S F	Z F	0	A F	0	P F	1	C F	

X ID = Identification flag  
 X VIP = Virtual interrupt pending  
 X VIF = Virtual interrupt flag  
 X AC = Alignment check  
 X VM = Virtual 8086 mode  
 X RF = Resume flag  
 X NT = Nested task flag  
 X IOPL = I/O privilege level  
 S OF = Overflow flag

C DF = Direction flag  
 X IF = Interrupt enable flag  
 X TF = Trap flag  
 S SF = Sign flag  
 S ZF = Zero flag  
 S AF = Auxiliary carry flag  
 S PF = Parity flag  
 S CF = Carry flag

S Indicates a Status Flag  
 C Indicates a Control Flag  
 X Indicates a System Flag  
 Shaded bits are reserved

**Figure 3.12 x86 EFLAGS Register**