```
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   */
24
25 #ifndef __TWOFISH__H
26 #define __TWOFISH__H
27 #include <stdint.h>
28
29 #define TWOFISH
30 #ifdef TWOFISH
31 typedef struct twofish t
32 {
33
      uint8 t len;
34
      uint32 t k[40];
35
      uint32_t s[4][256];
36 }twofish t;
37 #endif
38 /*
39 * Twofish MDS Multiply Function
40 *
41 * Description:
42
   * @param
* @param
43
              tf twofish
44
               data
   * @param
45
               cypher
   * @usage
46
47
   * {@code}
48
49 void Twofish_encryt(twofish_t* tf_twofish, uint8_t *data, uint8_t *cypher);
50 /*
51 * Twofish Decryption Function
52 *
53 * Description:
54
55
   * @param
              tf twofish
   * @param
56
               cypher
   * @param
57
               data
   * @usage
58
59
   * {@code}
60
61 void Twofish decryt(twofish t* tf twofish, uint8 t *cypher, uint8 t *data);
62 /*
63 * Twofish Setup Function
64 *
   * Description:
65
66
   * @param
67
   * @param
68
               len
```

```
69 * @usage

70 * {@code}

71 */

72 twofish_t* Twofish_setup(uint8_t *s, uint32_t len);
74 #endif
75
```