

THE OWL

```
0x99 (reset)
0x03 @ 0x00002074 (read)
0x03 @ 0x0000000a (read)
0x03 @ 0x0000000e (read)
0x03 @ 0x00000012 (read)
0x03 @ 0x00000014 (read)
0x03 @ 0x00000016 (read)
0x06 (write enable)
0x01 (write status register)
0x05 (read status register)
0x03 @ 0x00002400 (read)
0x03 @ 0x00002404 (read)
...
...
0x03 @ 0x000025f8 (read)
0x03 @ 0x000025fc (read)
0x03 @ 0x00fd4744 (read) <---- TRANSITION TO STAGE 1
0x03 @ 0x00fd4760 (read)
0x03 @ 0x00fd4780 (read)
...
...|
0x03 @ 0x00fd4f60 (read)
0x03 @ 0x00fd4f80 (read)
0x11 @ 0x00004[REDACTED] (EM100 specific) <---- STAGE 2 DUMPING DECRYPTED APP
0x11 @ 0x00006[REDACTED] (EM100 specific)
0x11 @ 0x00000[REDACTED] (EM100 specific)
0x11 @ 0x00008[REDACTED] (EM100 specific)
```


SIGNED

CVE-2024-25077

Type Device Administration Section (2 Bytes) 0xAA44

Length of Device Administration Section (2 Bytes)

Type Key revocation record (2 bytes) 0xAA55

Length of Key revocation record (2 Bytes)

Key Index (1 Byte)

⋮

KeyType (0xA1 = Sign key, 0xA2 = Decr. Key, 0xA3 = User Data Key)

Key Index (1 Byte)

IVT

Executable

ENCODED

