

THE OWL

```
0x99 (reset)
0x03 @ 0x00002074 (read)
0x03 @ 0x000000a (read)
0x03 @ 0x000000e (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 (EM100 specific) <---- STAGE 2 DUMPING DECRYPTED APP
0x11 @ 0x00006 (EM100 specific)
0x11 @ 0x00000 (EM100 specific)
0x11 @ 0x00008 (EM100 specific)
```

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)

CVE-2024-25077

Key Index (1 Byte)

⋮

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

Key Index (1 Byte)

IVT

Executable

SIGNED

