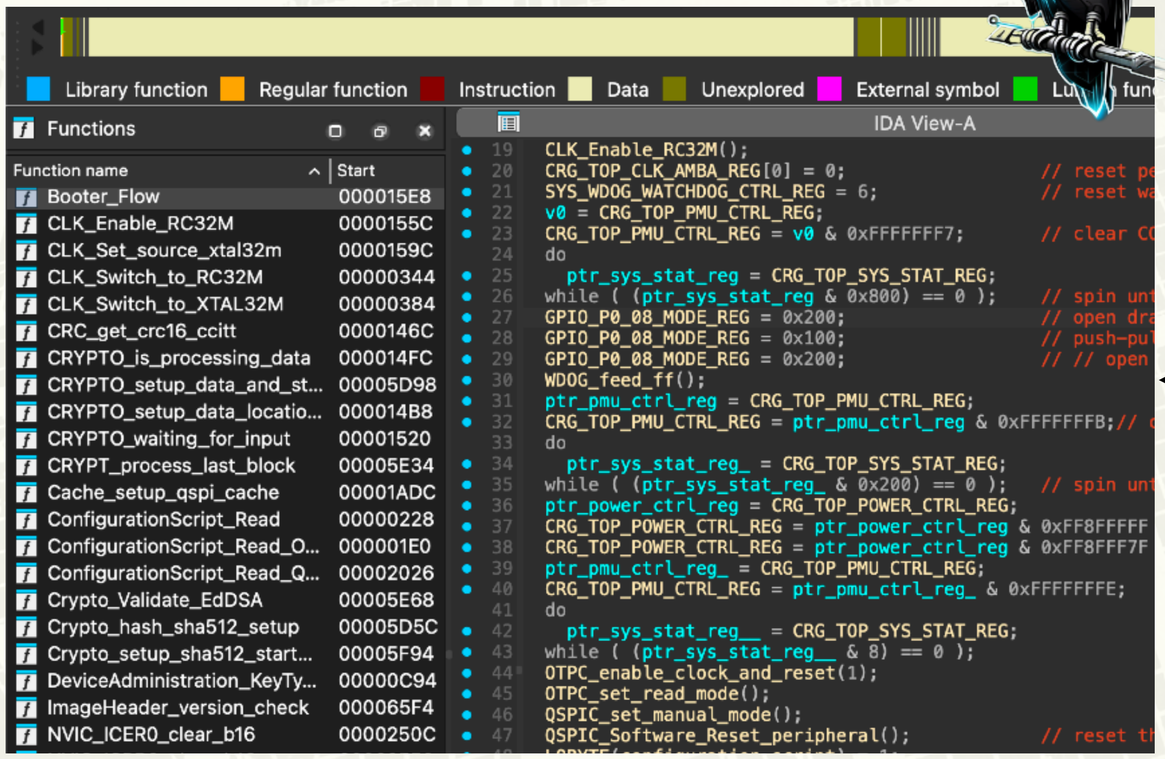
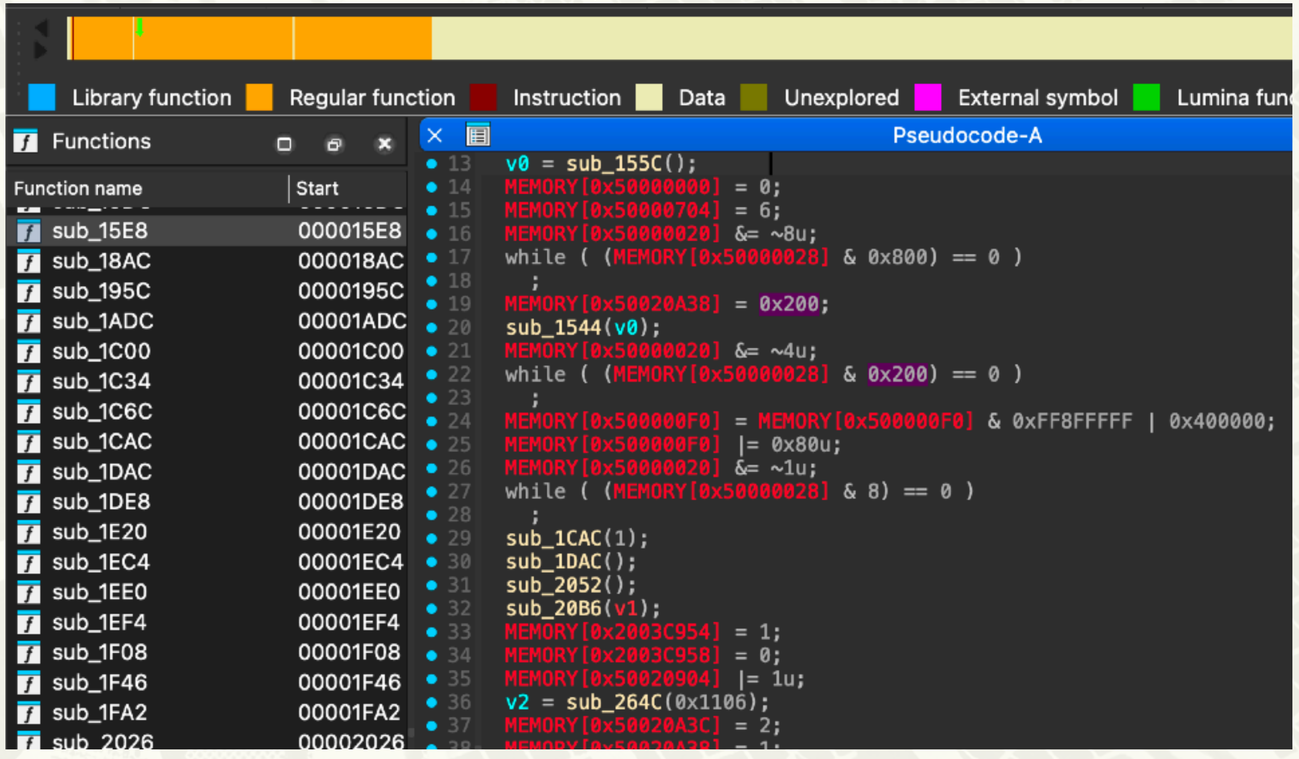
EXTRACTION

- Datasheet provides the memory map
- Debugger/JLink to read to a file
- Load into IDA
- Draw the rest of the owl

Resource	Start Address	End Address	Size (kB)	PD	AMBA	Comments
Remapped Devices	0	800000	8192	PD_SYS	AHB	Remap IVT into SYSRAM
SYSRAM (code)	800000	880000	512	PD_MEM	AHB	Remapped at 0x0. DA14691 end address: 0x860000
Reserved						
ROM	900000	920000	128	PD_SYS	AHB	Remapped at 0x0

```
J-Link>savebin c:\users\chris\bootrom.bin, 0x900000, 0x20000
Opening binary file for writing... [c:\users\chris\bootrom.bin]
Reading 131072 bytes from addr 0x00900000 into file...O.K.
```





ANALYSIS CHALLENGES

Dense code

- No strings
- No symbols
- No debug statements/printf-like functions
- No external libraries

SUBWAY

Function name	Start
sub_100	00000100
sub_1E0	000001E0
sub_228	00000228
sub_32C	0000032C
sub_344	00000344
sub_384	00000384
sub_3C4	000003C4
sub_3E0	000003E0
sub_3F4	000003F4
sub_418	00000418
sub_4D0	000004D0

Strings | Hex View-1

Address	Length	Type	String
ROM:00002...	00000006	C	\nl\vJ\vK
ROM:00007...	00000020	C	SigEd25519 no Ed25519 collisions

Line 1 of 2