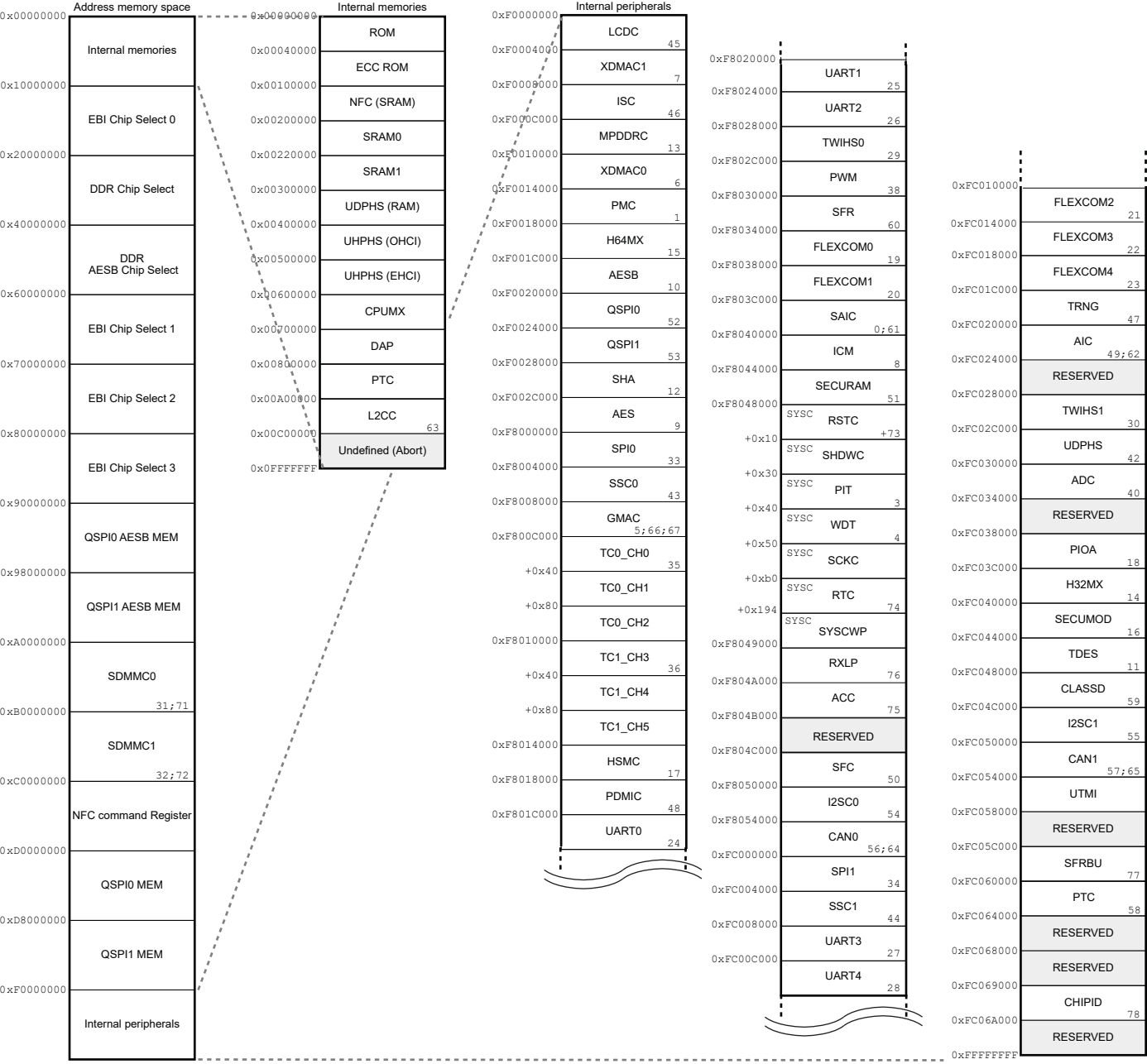
Address memory space
0x00000000
Internal memories
0x10000000
EBI Chip Select 0
0x20000000
DDR Chip Select
0x40000000
DDR
AESB Chip Select
0x60000000
EBI Chip Select 1
0x70000000
EBI Chip Select 2
0x80000000
EBI Chip Select 3
0x90000000
QSPI0 AESB MEM
0x98000000
QSPI1 AESB MEM
0xA0000000
SDMMC0
31;71
0xB0000000
SDMMC1
32;72
0xC0000000
NFC command Register
0xD0000000
QSPI0 MEM
0xD8000000
QSPI1 MEM
0xF0000000
Internal peripherals
Internal memories
0x00000000
ROM
0x00040000
ECC ROM
0x00100000
NFC (SRAM)
0x00200000
SRAM0
0x00220000
SRAM1
0x00300000
UDPHS (RAM)
0x00400000
UHPHS (OHCI)
0x00500000
UHPHS (EHCI)
0x00600000
CPUMX
0x00700000
DAP
0x00800000
PTC
0x00A00000
L2CC
63
0x00C00000
Undefined (Abort)
0x0FFFFFFF
Internal peripherals
0xF0000000
LCDC
45
0xF0004000
XDMAC1
7
0xF0009000
ISC
46
0xF000C000
MPDDRC
13
0xF0010000
XDMAC0
6
0xF0014000
PMC
1
0xF0018000
H64MX
15
0xF001C000
AESB
10
0xF0020000
QSPI0
52
0xF0024000
QSPI1
53
0xF0028000
SHA
12
0xF002C000
AES
9
0xF8000000
SPI0
33
0xF8004000
SSC0
43
0xF8008000
GMAC
5;66;67
0xF800C000
TC0_CH0
35
+0x40
TC0_CH1
+0x80
TC0_CH2
0xF8010000
TC1_CH3
36
+0x40
TC1_CH4
+0x80
TC1_CH5
0xF8014000
HSMC
17
0xF8018000
PDMIC
48
0xF801C000
UART0
24
0xF8020000
UART1
25
0xF8024000
UART2
26
0xF8028000
TWIHS0
29
0xF802C000
PWM
38
0xF8030000
SFR
60
0xF8034000
FLEXCOM0
19
0xF8038000
FLEXCOM1
20
0xF803C000
SAIC
0;61
0xF8040000
ICM
8
0xF8044000
SECURAM
51
0xF8048000
SYSC
RSTC
+73
+0x10
SYSC
SHDWC
+0x30
SYSC
PIT
3
+0x40
SYSC
WDT
4
+0x50
SYSC
SCKC
+0xb0
SYSC
RTC
74
+0x194
SYSC
SYSCWP
0xF8049000
RXLP
76
0xF804A000
ACC
75
0xF804B000
RESERVED
0xF804C000
SFC
50
0xF8050000
I2SC0
54
0xF8054000
CAN0
56;64
0xFC000000
SPI1
34
0xFC004000
SSC1
44
0xFC008000
UART3
27
0xFC00C000
UART4
28
0xFC010000
FLEXCOM2
21
0xFC014000
FLEXCOM3
22
0xFC018000
FLEXCOM4
23
0xFC01C000
TRNG
47
0xFC020000
AIC
49;62
0xFC024000
RESERVED
0xFC028000
TWIHS1
30
0xFC02C000
UDPHS
42
0xFC030000
ADC
40
0xFC034000
RESERVED
0xFC038000
PIOA
18
0xFC03C000
H32MX
14
0xFC040000
SECUMOD
16
0xFC044000
TDES
11
0xFC048000
CLASSD
59
0xFC04C000
I2SC1
55
0xFC050000
CAN1
57;65
0xFC054000
UTMI
0xFC058000
RESERVED
0xFC05C000
SFRBU
77
0xFC060000
PTC
58
0xFC064000
RESERVED
0xFC068000
RESERVED
0xFC069000
CHIPID
78
0xFC06A000
RESERVED
0xFFFFFFFF
offset
block
peripheral
ID
(+ : wired-or)