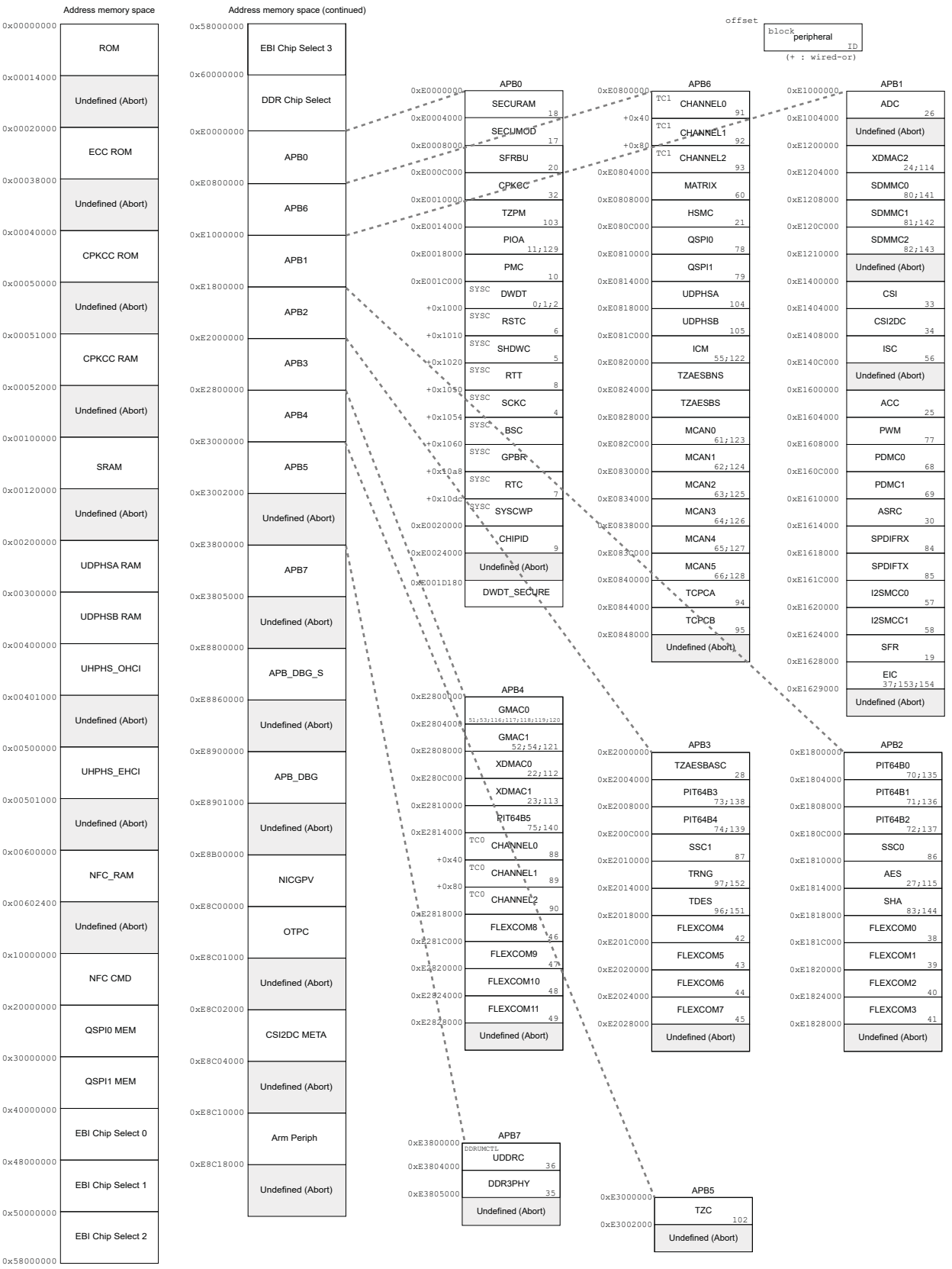
Address memory space
0x00000000 ROM
0x00014000 Undefined (Abort)
0x00020000 ECC ROM
0x00038000 Undefined (Abort)
0x00040000 CPKCC ROM
0x00050000 Undefined (Abort)
0x00051000 CPKCC RAM
0x00052000 Undefined (Abort)
0x00100000 SRAM
0x00120000 Undefined (Abort)
0x00200000 UDPHSA RAM
0x00300000 UDPHSB RAM
0x00400000 UHPHS_OHCI
0x00401000 Undefined (Abort)
0x00500000 UHPHS_EHCI
0x00501000 Undefined (Abort)
0x00600000 NFC_RAM
0x00602400 Undefined (Abort)
0x10000000 NFC CMD
0x20000000 QSPI0 MEM
0x30000000 QSPI1 MEM
0x40000000 EBI Chip Select 0
0x48000000 EBI Chip Select 1
0x50000000 EBI Chip Select 2
0x58000000
Address memory space (continued)
0x58000000 EBI Chip Select 3
0x60000000 DDR Chip Select
0xE0000000 APB0
0xE0800000 APB6
0xE1000000 APB1
0xE1800000 APB2
0xE2000000 APB3
0xE2800000 APB4
0xE3000000 APB5
0xE3002000 Undefined (Abort)
0xE3800000 APB7
0xE3805000 Undefined (Abort)
0xE8800000 APB_DBG_S
0xE8860000 Undefined (Abort)
0xE8900000 APB_DBG
0xE8901000 Undefined (Abort)
0xE8B00000 NICGPV
0xE8C00000 OTPC
0xE8C01000 Undefined (Abort)
0xE8C02000 CSI2DC META
0xE8C04000 Undefined (Abort)
0xE8C10000 Arm Periph
0xE8C18000 Undefined (Abort)
offset
block peripheral ID
(+ : wired-or)
APB0
0xE0000000 SECURAM 18
0xE0004000 SECUMOD 17
0xE0008000 SFRBU 20
0xE000C000 CPKCC 32
0xE0010000 TZPM 103
0xE0014000 PIOA 11;129
0xE0018000 PMC 10
0xE001C000 SYSC DWDT 0;1;2
+0x1000 SYSC RSTC 6
+0x1010 SYSC SHDWC 5
+0x1020 SYSC RTT 8
+0x1050 SYSC SCKC 4
+0x1054 SYSC BSC
+0x1060 SYSC GPBR
+0x10a8 SYSC RTC 7
+0x10dc SYSC SYSCWP
0xE0020000 CHIPID 9
0xE0024000 Undefined (Abort)
0xE001D180 DWDT_SECURE
APB6
0xE0800000 TC1 CHANNEL0 91
+0x40 TC1 CHANNEL1 92
+0x80 TC1 CHANNEL2 93
0xE0804000 MATRIX 60
0xE0808000 HSMC 21
0xE080C000 QSPI0 78
0xE0810000 QSPI1 79
0xE0814000 UDPHSA 104
0xE0818000 UDPHSB 105
0xE081C000 ICM 55;122
0xE0820000 TZAESBNS
0xE0824000 TZAESBS
0xE0828000 MCAN0 61;123
0xE082C000 MCAN1 62;124
0xE0830000 MCAN2 63;125
0xE0834000 MCAN3 64;126
0xE0838000 MCAN4 65;127
0xE083C000 MCAN5 66;128
0xE0840000 TCPCA 94
0xE0844000 TCPCB 95
0xE0848000 Undefined (Abort)
APB1
0xE1000000 ADC 26
0xE1004000 Undefined (Abort)
0xE1200000 XDMAC2 24;114
0xE1204000 SDMMC0 80;141
0xE1208000 SDMMC1 81;142
0xE120C000 SDMMC2 82;143
0xE1210000 Undefined (Abort)
0xE1400000 CSI 33
0xE1404000 CSI2DC 34
0xE1408000 ISC 56
0xE140C000 Undefined (Abort)
0xE1600000 ACC 25
0xE1604000 PWM 77
0xE1608000 PDMC0 68
0xE160C000 PDMC1 69
0xE1610000 ASRC 30
0xE1614000 SPDIFRX 84
0xE1618000 SPDIFTX 85
0xE161C000 I2SMCC0 57
0xE1620000 I2SMCC1 58
0xE1624000 SFR 19
0xE1628000 EIC 37;153;154
0xE1629000 Undefined (Abort)
APB4
0xE2800000 GMAC0 51;53;116;117;118;119;120
0xE2804000 GMAC1 52;54;121
0xE2808000 XDMAC0 22;112
0xE280C000 XDMAC1 23;113
0xE2810000 PIT64B5 75;140
0xE2814000 TC0 CHANNEL0 88
+0x40 TC0 CHANNEL1 89
+0x80 TC0 CHANNEL2 90
0xE2818000 FLEXCOM8 46
0xE281C000 FLEXCOM9 47
0xE2820000 FLEXCOM10 48
0xE2824000 FLEXCOM11 49
0xE2828000 Undefined (Abort)
APB3
0xE2000000 TZAESBASC 28
0xE2004000 PIT64B3 73;138
0xE2008000 PIT64B4 74;139
0xE200C000 SSC1 87
0xE2010000 TRNG 97;152
0xE2014000 TDES 96;151
0xE2018000 FLEXCOM4 42
0xE201C000 FLEXCOM5 43
0xE2020000 FLEXCOM6 44
0xE2024000 FLEXCOM7 45
0xE2028000 Undefined (Abort)
APB2
0xE1800000 PIT64B0 70;135
0xE1804000 PIT64B1 71;136
0xE1808000 PIT64B2 72;137
0xE180C000 SSC0 86
0xE1810000 AES 27;115
0xE1814000 SHA 83;144
0xE1818000 FLEXCOM0 38
0xE181C000 FLEXCOM1 39
0xE1820000 FLEXCOM2 40
0xE1824000 FLEXCOM3 41
0xE1828000 Undefined (Abort)
APB7
0xE3800000 DDRUMCTL UDDRC 36
0xE3804000 DDR3PHY 35
0xE3805000 Undefined (Abort)
APB5
0xE3000000 TZC 102
0xE3002000 Undefined (Abort)