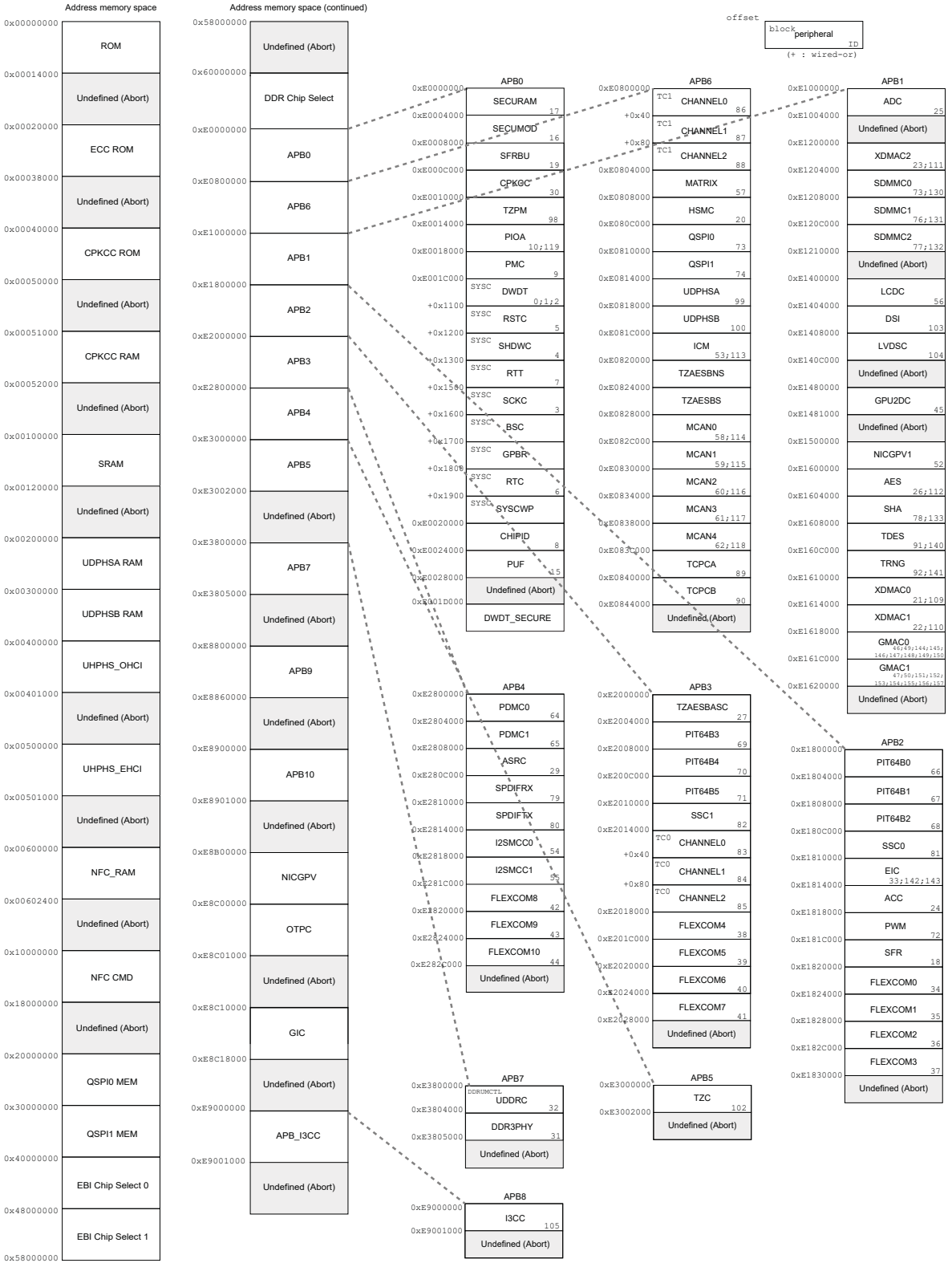
Address memory space
0x00000000 ROM
0x00014000 Undefined (Abort)
0x00020000 ECC ROM
0x00038000 Undefined (Abort)
0x00040000 CPKCC ROM
0x00050000 Undefined (Abort)
0x00051000 CPKCC RAM
0x00052000 Undefined (Abort)
0x00100000 SRAM
0x00120000 Undefined (Abort)
0x00200000 UDPHSA RAM
0x00300000 UDPHSB RAM
0x00400000 UHPHS_OHCI
0x00401000 Undefined (Abort)
0x00500000 UHPHS_EHCI
0x00501000 Undefined (Abort)
0x00600000 NFC_RAM
0x00602400 Undefined (Abort)
0x10000000 NFC CMD
0x18000000 Undefined (Abort)
0x20000000 QSPI0 MEM
0x30000000 QSPI1 MEM
0x40000000 EBI Chip Select 0
0x48000000 EBI Chip Select 1
0x58000000
Address memory space (continued)
0x58000000 Undefined (Abort)
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 APB9
0xE8860000 Undefined (Abort)
0xE8900000 APB10
0xE8901000 Undefined (Abort)
0xE8B00000 NICGPV
0xE8C00000 OTPC
0xE8C01000 Undefined (Abort)
0xE8C10000 GIC
0xE8C18000 Undefined (Abort)
0xE9000000 APB_I3CC
0xE9001000 Undefined (Abort)
offset
block peripheral ID
(+ : wired-or)
APB0
0xE0000000 SECURAM 17
0xE0004000 SECUMOD 16
0xE0008000 SFRBU 19
0xE000C000 CPKCC 30
0xE0010000 TZPM 98
0xE0014000 PIOA 10;119
0xE0018000 PMC 9
0xE001C000 SYSC DWDT 0;1;2
+0x1100 SYSC RSTC 5
+0x1200 SYSC SHDWC 4
+0x1300 SYSC RTT 7
+0x1500 SYSC SCKC 3
+0x1600 SYSC BSC
+0x1700 SYSC GPBR
+0x1800 SYSC RTC 6
+0x1900 SYSC SYSCWP
0xE0020000 CHIPID 8
0xE0024000 PUF 15
0xE0028000 Undefined (Abort)
0xE001D000 DWDT_SECURE
APB6
0xE0800000 TC1 CHANNEL0 86
+0x40 TC1 CHANNEL1 87
+0x80 TC1 CHANNEL2 88
0xE0804000 MATRIX 57
0xE0808000 HSMC 20
0xE080C000 QSPI0 73
0xE0810000 QSPI1 74
0xE0814000 UDPHSA 99
0xE0818000 UDPHSB 100
0xE081C000 ICM 53;113
0xE0820000 TZAESBNS
0xE0824000 TZAESBS
0xE0828000 MCAN0 58;114
0xE082C000 MCAN1 59;115
0xE0830000 MCAN2 60;116
0xE0834000 MCAN3 61;117
0xE0838000 MCAN4 62;118
0xE083C000 TCPCA 89
0xE0840000 TCPCB 90
0xE0844000 Undefined (Abort)
APB1
0xE1000000 ADC 25
0xE1004000 Undefined (Abort)
0xE1200000 XDMAC2 23;111
0xE1204000 SDMMC0 73;130
0xE1208000 SDMMC1 76;131
0xE120C000 SDMMC2 77;132
0xE1210000 Undefined (Abort)
0xE1400000 LCDC 56
0xE1404000 DSI 103
0xE1408000 LVDSC 104
0xE140C000 Undefined (Abort)
0xE1480000 GPU2DC 45
0xE1481000 Undefined (Abort)
0xE1500000 NICGPV1 52
0xE1600000 AES 26;112
0xE1604000 SHA 78;133
0xE1608000 TDES 91;140
0xE160C000 TRNG 92;141
0xE1610000 XDMAC0 21;109
0xE1614000 XDMAC1 22;110
0xE1618000 GMAC0 46;49;144;145;146;147;148;149;150
0xE161C000 GMAC1 47;50;151;152;153;154;155;156;157
0xE1620000 Undefined (Abort)
APB4
0xE2800000 PDMC0 64
0xE2804000 PDMC1 65
0xE2808000 ASRC 29
0xE280C000 SPDIFRX 79
0xE2810000 SPDIFTX 80
0xE2814000 I2SMCC0 54
0xE2818000 I2SMCC1 55
0xE281C000 FLEXCOM8 42
0xE2820000 FLEXCOM9 43
0xE2824000 FLEXCOM10 44
0xE282C000 Undefined (Abort)
APB3
0xE2000000 TZAESBASC 27
0xE2004000 PIT64B3 69
0xE2008000 PIT64B4 70
0xE200C000 PIT64B5 71
0xE2010000 SSC1 82
0xE2014000 TC0 CHANNEL0 83
+0x40 TC0 CHANNEL1 84
+0x80 TC0 CHANNEL2 85
0xE2018000 FLEXCOM4 38
0xE201C000 FLEXCOM5 39
0xE2020000 FLEXCOM6 40
0xE2024000 FLEXCOM7 41
0xE2028000 Undefined (Abort)
APB2
0xE1800000 PIT64B0 66
0xE1804000 PIT64B1 67
0xE1808000 PIT64B2 68
0xE180C000 SSC0 81
0xE1810000 EIC 33;142;143
0xE1814000 ACC 24
0xE1818000 PWM 72
0xE181C000 SFR 18
0xE1820000 FLEXCOM0 34
0xE1824000 FLEXCOM1 35
0xE1828000 FLEXCOM2 36
0xE182C000 FLEXCOM3 37
0xE1830000 Undefined (Abort)
APB7
0xE3800000 DDRUMCTL UDDRC 32
0xE3804000 DDR3PHY 31
0xE3805000 Undefined (Abort)
APB5
0xE3000000 TZC 102
0xE3002000 Undefined (Abort)
APB8
0xE9000000 I3CC 105
0xE9001000 Undefined (Abort)