

Common encryption root key, word n

Used to generate keys as recommended by the Bluetooth Core Specification

Bit number				31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0xFFFFFFFF				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ID	R/W	Field	Value ID	Value				Description																											
A	R	ER						Encryption Root, word n																											

#### 4.2.4.1.3 IR[n] (n=0..3)

Address offset: 0x390 + (n × 0x4)

Common identity root key, word n

Used to generate keys as recommended by the Bluetooth Core Specification

Bit number				31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0xFFFFFFFF				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ID	R/W	Field	Value ID	Value				Description																											
A	R	IR						Identity Root, word n																											

#### 4.2.4.1.4 DEVICEADDRTYPE

Address offset: 0x3A0

Device address type

Bit number				31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
ID				A																															
Reset 0xFFFFFFFF				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ID	R/W	Field	Value ID	Value				Description																											
A	R	DEVICEADDRTYPE						Device address type																											
			Public	0				Public address																											
			Random	1				Random address																											

#### 4.2.4.1.5 DEVICEADDR[n] (n=0..1)

Address offset: 0x3A4 + (n × 0x4)

Device address n

Bit number				31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
ID				A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A	A
Reset 0xFFFFFFFF				1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
ID	R/W	Field	Value ID	Value										Description																						
A	R	DEVICEADDR												48 bit device address																						
														DEVICEADDR[0] contains the least significant bits of the device address.																						
														DEVICEADDR[1] contains the most significant bits of the device address.																						
														Only bits [15:0] of DEVICEADDR[1] are used.																						