

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				D D D									C B									A A A A A A A A A A A A A A A A														
Reset 0x070301FF				0 0 0 0 0 1 1 1 0 0 0 0 0 1 1 0 0 0 0 0 0 0 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	BA411EAESHWCFGMODE																			Generic g_AesModesPoss value.															
																				BA411E-AES engine configuration.																
B	R	BA411EAESHWCFGCS																			Generic g_CS value.															
																				BA411E-AES engine configuration.																
C	R	BA411EAESHWCFGMASKING																			Generic g_UseMasking value.															
																				BA411E-AES engine configuration.																
D	R	BA411EAESHWCFGKEYSIZE																			Generic g_Keysize value.															
																				BA411E-AES engine configuration.																

7.8.1.7.19 CRYPTMSTRHW.BA411EAESHWCFG2

Address offset: 0x408

Generic g_CtrSize value.

BA411E-AES engine configuration.

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
Reset 0x00000080										0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
ID	R/W	Field	Value ID	Value	Description																																												
A	R	BA411EAESHWCFG2			Generic g_CtrSize value.																																												
					BA411E-AES engine configuration.																																												

7.8.1.7.20 CRYPTMSTRHW.BA413HASHHWCFG

Address offset: 0x40C

Generic g_Hash value

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				D C B																								A A A A A A A A										
Reset 0x0003003F				0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1		
ID	R/W	Field	Value ID	Value		Description																																
A	R	BA413HASHHWCFGMASK			Generic g_HashMaskFunc value.																																	
					BA413-Hash engine configuration.																																	
B	R	BA413HASHHWCFGPPADDING			Generic g_HashPadding value.																																	
					BA413-Hash engine configuration.																																	
C	R	BA413HASHHWCFGHMAC			Generic g_HMAC_enabled value.																																	
					BA413-Hash engine configuration.																																	
D	R	BA413HASHHWCFGVERIFYDIGEST			Generic g_HashVerifyDigest value.																																	
					BA413-Hash engine configuration.																																	

7.8.1.7.21 CRYPTMSTRHW.BA418SHA3HWCFG

Address offset: 0x410

Generic g_Sha3CtxtEn value.

BA418-SHA3 configuration.