

Security configuration for interrupt o of GPIOTE[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 | | | | | | | | | | | | | | | | | | | | B | | | | | | | | A | | | | | | | |
| Reset 0x00100010 | | | | 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ID | R/W | Field | Value ID | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | RW | SECATTR | | | SECATTR feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NonSecure | 0 | Feature is available for non-secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Secure | 1 | Feature is reserved for secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | RW | LOCK W1S | | | LOCK feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Unlocked | 0 | Feature permissions can be updated | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Locked | 1 | Feature permissions can not be changed until the next reset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | When Locked, it remains Locked until the next reset cycle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

7.8.5.5.12 FEATURE.GPIO[n].PIN[o] (n=0..2) (o=0..31)

Address offset: $0x800 + (n \times 0x80) + (o \times 0x4)$

Security configuration for GPIO[n] PIN[o]

| 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 | | | | | | | | | | | | | | | | | | | | | B | | | | | | | | A | | | | | | | | | |
| Reset 0x00100010 | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| ID | R/W | Field | Value ID | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | RW | SECATTR | | | SECATTR feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NonSecure | 0 | Feature is available for non-secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Secure | 1 | Feature is reserved for secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | RW | LOCK W1S | | | LOCK feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Unlocked | 0 | Feature permissions can be updated | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Locked | 1 | Feature permissions can not be changed until the next reset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | When Locked, it remains Locked until the next reset cycle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

7.8.5.5.13 FEATURE.CRACEN.SEED

Address offset: 0x980

Configuration for CRACEN SEED

| 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 | | | | | | | | | | | | | | | | | | | | B | | | | | | | | A | | | | | | | |
| Reset 0x00020010 | | | | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0 0 0 0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ID | R/W | Field | Value ID | Value | Description | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | RW | SECATTR | | | SECATTR feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | NonSecure | 0 | Feature is available for non-secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Secure | 1 | Feature is reserved for secure usage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| B | RW | LOCK W1S | | | LOCK feature | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Unlocked | 0 | Feature permissions can be updated | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | Locked | 1 | Feature permissions can not be changed until the next reset | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | When Locked, it remains Locked until the next reset cycle. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |