



# CVE-2017-18347

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## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2017-18347   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | cve@mitre.org  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2018-09-12 15:29:00 UTC  |
| <b>Updated</b>         | 2021-05-04 14:07:00 UTC  |
| <b>Description</b>     | Incorrect access control in RDP Level 1 on STMicroelectronics STM32F0 series devices allows physically present attackers |

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor | Product              | Version | Update | Edition | Language |
|------------------|--------|----------------------|---------|--------|---------|----------|
| Hardware         | St     | Stm32f030c6          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030c6 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030c8          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030c8 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030cc          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030cc Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030f4          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030f4 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030k6          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030k6 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030r8          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030r8 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f030rc          | -       | All    | All     | All      |
| Operating System | St     | Stm32f030rc Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f031c4          | -       | All    | All     | All      |
| Operating System | St     | Stm32f031c4 Firmware | -       | All    | All     | All      |
| Hardware         | St     | Stm32f031c6          | -       | All    | All     | All      |

|                  |    |                                      |   |     |     |     |
|------------------|----|--------------------------------------|---|-----|-----|-----|
| Operating System | St | <a href="#">Stm32f031c6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031e6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031e6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031f4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031f4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031f6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031f6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031g4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031g4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031g6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031g6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f031k4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f031k4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f038c6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f038c6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f038e6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f038e6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f038f6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f038f6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f038g6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f038g6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f038k6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f038k6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042c4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042c4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042c6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042c6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042f4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042f4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042f6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042f6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042g4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042g4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042g6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042g6 Firmware</a> | - | All | All | All |

|                  |    |                                      |   |     |     |     |
|------------------|----|--------------------------------------|---|-----|-----|-----|
| Hardware         | St | <a href="#">Stm32f042k4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042k4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042k6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042k6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f042t6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f042t6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f048c6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f048c6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f048g6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f048g6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f048t6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f048t6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051c4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051c4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051c6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051c6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051c8</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051c8 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051k4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051k4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051k6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051k6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051k8</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051k8 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051r4</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051r4 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051r6</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051r6 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051r8</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051r8 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f051t8</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f051t8 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f058c8</a>          | - | All | All | All |
| Operating System | St | <a href="#">Stm32f058c8 Firmware</a> | - | All | All | All |
| Hardware         | St | <a href="#">Stm32f058r8</a>          | - | All | All | All |

|                  |    |                      |   |     |     |     |
|------------------|----|----------------------|---|-----|-----|-----|
| Operating System | St | Stm32f058r8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f058t8          | - | All | All | All |
| Operating System | St | Stm32f058t8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f070c6          | - | All | All | All |
| Operating System | St | Stm32f070c6 Firmware | - | All | All | All |
| Hardware         | St | Stm32f070cb          | - | All | All | All |
| Operating System | St | Stm32f070cb Firmware | - | All | All | All |
| Hardware         | St | Stm32f070f6          | - | All | All | All |
| Operating System | St | Stm32f070f6 Firmware | - | All | All | All |
| Hardware         | St | Stm32f070rb          | - | All | All | All |
| Operating System | St | Stm32f070rb Firmware | - | All | All | All |
| Hardware         | St | Stm32f071c8          | - | All | All | All |
| Operating System | St | Stm32f071c8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f071cb          | - | All | All | All |
| Operating System | St | Stm32f071cb Firmware | - | All | All | All |
| Hardware         | St | Stm32f071rb          | - | All | All | All |
| Operating System | St | Stm32f071rb Firmware | - | All | All | All |
| Hardware         | St | Stm32f071v8          | - | All | All | All |
| Operating System | St | Stm32f071v8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f071vb          | - | All | All | All |
| Operating System | St | Stm32f071vb Firmware | - | All | All | All |
| Hardware         | St | Stm32f072c8          | - | All | All | All |
| Operating System | St | Stm32f072c8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f072cb          | - | All | All | All |
| Operating System | St | Stm32f072cb Firmware | - | All | All | All |
| Hardware         | St | Stm32f072r8          | - | All | All | All |
| Operating System | St | Stm32f072r8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f072rb          | - | All | All | All |
| Operating System | St | Stm32f072rb Firmware | - | All | All | All |
| Hardware         | St | Stm32f072v8          | - | All | All | All |
| Operating System | St | Stm32f072v8 Firmware | - | All | All | All |
| Hardware         | St | Stm32f072vb          | - | All | All | All |
| Operating System | St | Stm32f072vb Firmware | - | All | All | All |
| Hardware         | St | Stm32f078cb          | - | All | All | All |
| Operating System | St | Stm32f078cb Firmware | - | All | All | All |
| Hardware         | St | Stm32f078rb          | - | All | All | All |

|                  |                                    |                                      |   |     |     |     |
|------------------|------------------------------------|--------------------------------------|---|-----|-----|-----|
| Operating System | St                                 | <a href="#">Stm32f078rb Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f078vb</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f078vb Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091cb</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091cb Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091cc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091cc Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091rb</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091rb Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091rc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091rc Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091vb</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091vb Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f091vc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f091vc Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f098cc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f098cc Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f098rc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f098rc Firmware</a> | - | All | All | All |
| Hardware         | St                                 | <a href="#">Stm32f098vc</a>          | - | All | All | All |
| Operating System | St                                 | <a href="#">Stm32f098vc Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c8</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c8 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030c8 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030cc</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030cc</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030cc Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030cc Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030f4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030f4</a>          | - | All | All | All |

|                  |                                    |                                      |   |     |     |     |
|------------------|------------------------------------|--------------------------------------|---|-----|-----|-----|
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030f4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030f4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030k6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030k6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030k6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030k6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030r8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030r8</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030r8 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030r8 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030rc</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030rc</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030rc Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f030rc Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031c6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031e6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031e6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031e6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031e6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031f6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g4</a>          | - | All | All | All |

|                  |                                    |                                      |   |     |     |     |
|------------------|------------------------------------|--------------------------------------|---|-----|-----|-----|
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031g6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031k4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031k4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031k4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f031k4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038c6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038c6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038c6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038c6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038e6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038e6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038e6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038e6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038f6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038f6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038f6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038f6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038g6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038g6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038g6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038g6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038k6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038k6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038k6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f038k6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c6</a>          | - | All | All | All |

|                  |                                    |                                      |   |     |     |     |
|------------------|------------------------------------|--------------------------------------|---|-----|-----|-----|
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042c6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042f6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042g6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k4</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k4</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k4 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k4 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042k6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042t6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042t6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042t6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f042t6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f048c6</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f048c6</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f048c6 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f048c6 Firmware</a> | - | All | All | All |

|                  |                    |                      |   |     |     |     |
|------------------|--------------------|----------------------|---|-----|-----|-----|
| Hardware         | Stmicroelectronics | Stm32f048g6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f048g6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f048g6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f048g6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f048t6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f048t6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f048t6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f048t6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c4          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c4          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c4 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c4 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051c8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051c8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k4          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k4          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k4 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k4 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051k8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051k8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r4          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r4          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r4 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r4 Firmware | - | All | All | All |

|                  |                    |                      |   |     |     |     |
|------------------|--------------------|----------------------|---|-----|-----|-----|
| Operating System | Stmicroelectronics | Stm32103t14 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051r8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051r8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051t8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f051t8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051t8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f051t8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058c8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058c8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058c8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058c8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058r8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058r8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058r8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058r8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058t8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f058t8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058t8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f058t8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070c6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070c6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f070c6 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f070c6 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070cb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070cb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f070cb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f070cb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070f6          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f070f6          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f070f6 Firmware | - | All | All | All |

|                  |                                    |                                      |   |     |     |     |
|------------------|------------------------------------|--------------------------------------|---|-----|-----|-----|
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f070f6 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f070rb</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f070rb</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f070rb Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f070rb Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071c8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071c8</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071c8 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071c8 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071cb</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071cb</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071cb Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071cb Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071rb</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071rb</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071rb Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071rb Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071v8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071v8</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071v8 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071v8 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071vb</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071vb</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071vb Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f071vb Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072c8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072c8</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072c8 Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072c8 Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072cb</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072cb</a>          | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072cb Firmware</a> | - | All | All | All |
| Operating System | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072cb Firmware</a> | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072r8</a>          | - | All | All | All |
| Hardware         | <a href="#">Stmicroelectronics</a> | <a href="#">Stm32f072r8</a>          | - | All | All | All |

|                  |                    |                      |   |     |     |     |
|------------------|--------------------|----------------------|---|-----|-----|-----|
| Operating System | Stmicroelectronics | Stm32f072r8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072r8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072rb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072rb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072rb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072rb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072v8          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072v8          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072v8 Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072v8 Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072vb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f072vb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072vb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f072vb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078cb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078cb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078cb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078cb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078rb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078rb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078rb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078rb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078vb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f078vb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078vb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f078vb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091cb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091cb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091cb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091cb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091cc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091cc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091cc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091cc Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091rb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091rh          | - | All | All | All |

|                  |                    |                      |   |     |     |     |
|------------------|--------------------|----------------------|---|-----|-----|-----|
| Hardware         | Stmicroelectronics | Stm32f091rb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091rb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091rb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091rc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091rc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091rc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091rc Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091vb          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091vb          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091vb Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091vb Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091vc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f091vc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091vc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f091vc Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098cc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098cc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098cc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098cc Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098rc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098rc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098rc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098rc Firmware | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098vc          | - | All | All | All |
| Hardware         | Stmicroelectronics | Stm32f098vc          | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098vc Firmware | - | All | All | All |
| Operating System | Stmicroelectronics | Stm32f098vc Firmware | - | All | All | All |

## References

| Reference   | Source  | Link   | Tags        |
|---|---------|--|-------------|
| Shedding too much Light on a Microcontroller's Firmware Protection   USENIX           | MISC    | <a href="http://www.usenix.org">www.usenix.org</a>                   | Exploit, TH |
| Shedding too much Light on a Microcontroller's Firmware Protection - Fraunhofer AISEC | MISC    | <a href="http://www.aisec.fraunhofer.de">www.aisec.fraunhofer.de</a> | Exploit, TH |
| ST Community  | MISC    | <a href="http://community.st.com">community.st.com</a>               | Vendor Ac   |
| CVE Program record  | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>                         | canonical   |
| NVD vulnerability detail  | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                       | canonical,  |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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