Reset\_handler

**RESET event**

Bootloader

Init

code

**Application**

**Magic Location ?**

Yes

No

Magic\_Location = Application

Cause

Reset

Event

No

Open

File ?

Protection

Restored?

Magic\_Location = Application

Cause

Reset

Event

Cause

Reset

Event

Magic\_Location = Bootloader

Restore protection

Magic\_Location = Application

Cause

Reset

Event

No

Yes

Saved

Protection?

Erase

Program

Verify

Yes

No

Cause

Reset

Event

Magic\_Location = Bootloader

Save Protection

Remove protection

No

Yes

Yes

Write

Protected?