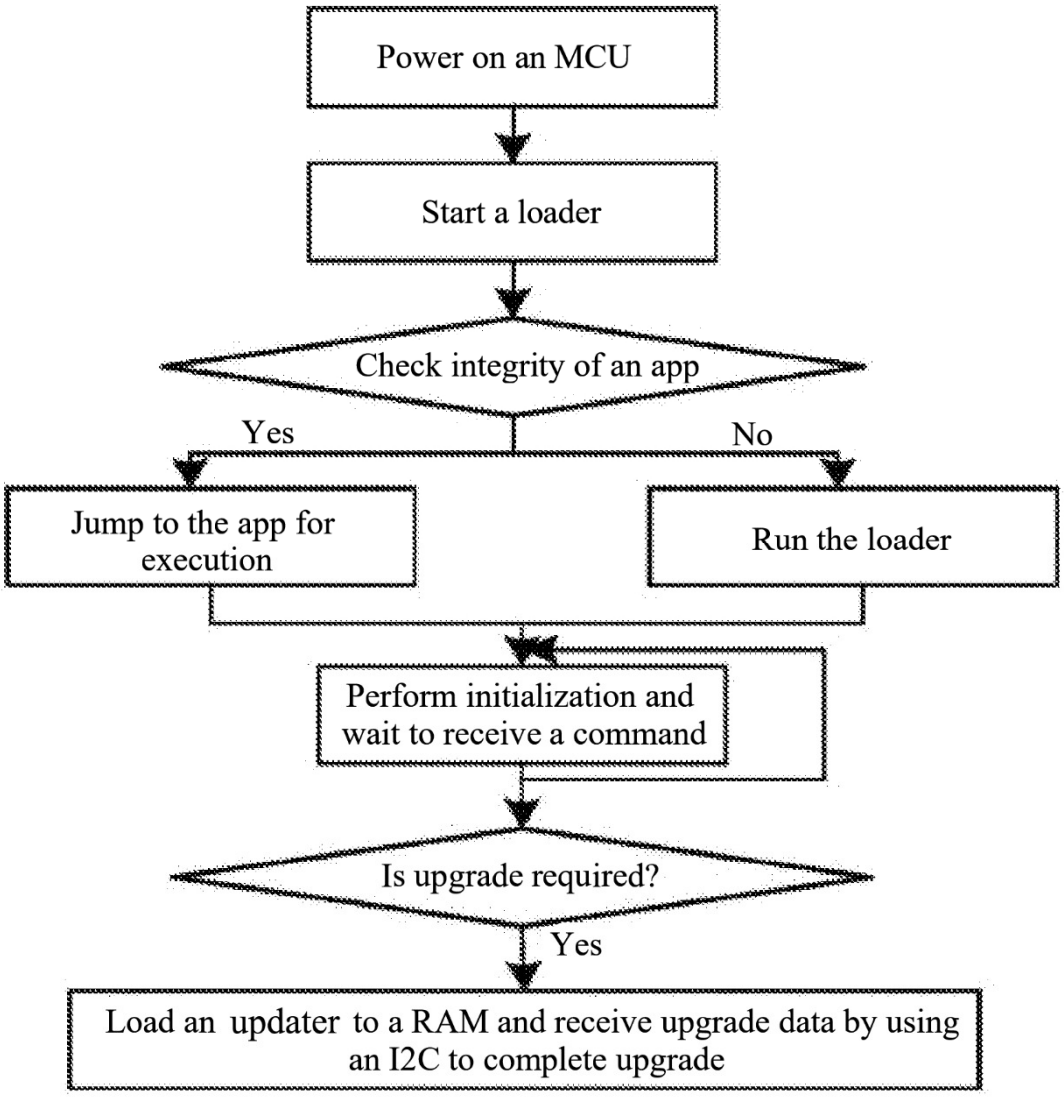

Power on an MCU
Start a loader
Check integrity of an app
Yes
No
Jump to the app for execution
Run the loader
Perform initialization and wait to receive a command
Is upgrade required?
Yes
Load an updater to a RAM and receive upgrade data by using an I2C to complete upgrade

FIG. 3