

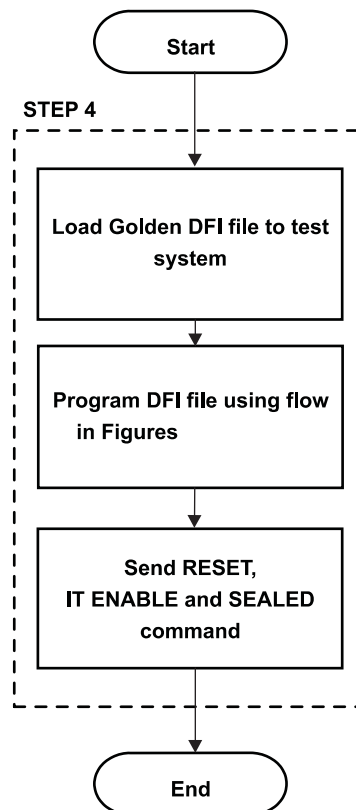
## ***Going to Production with the bq' ( n%\$ \$***

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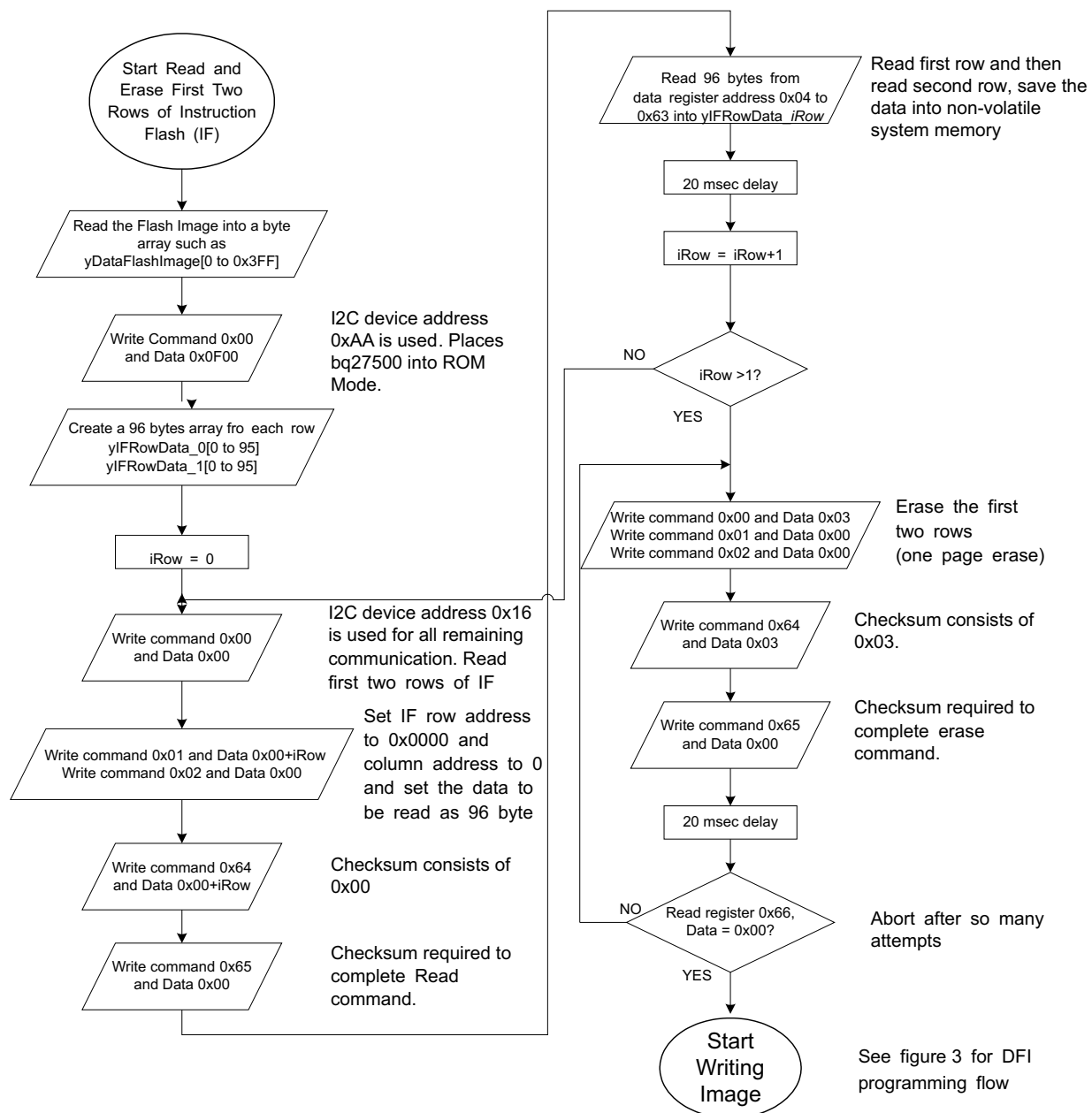
## Writing the DFI at Production

System designers must ensure that there is access to the I<sup>2</sup>C lines of the bqH : F€€ and battery power access at the time of writing the DFI in production. It is expected that the OEMs add the Write DFI step within their final complete system test that verifies the product to be functional for release to market. The flowchart in [Figure 1](#) shows the steps that must be followed to write the DFI created with bqEVSU. System test developers can use the flowchart to call I<sup>2</sup>C commands with their test setup and program all the flash of the bqH : F€€ embedded in the application system.

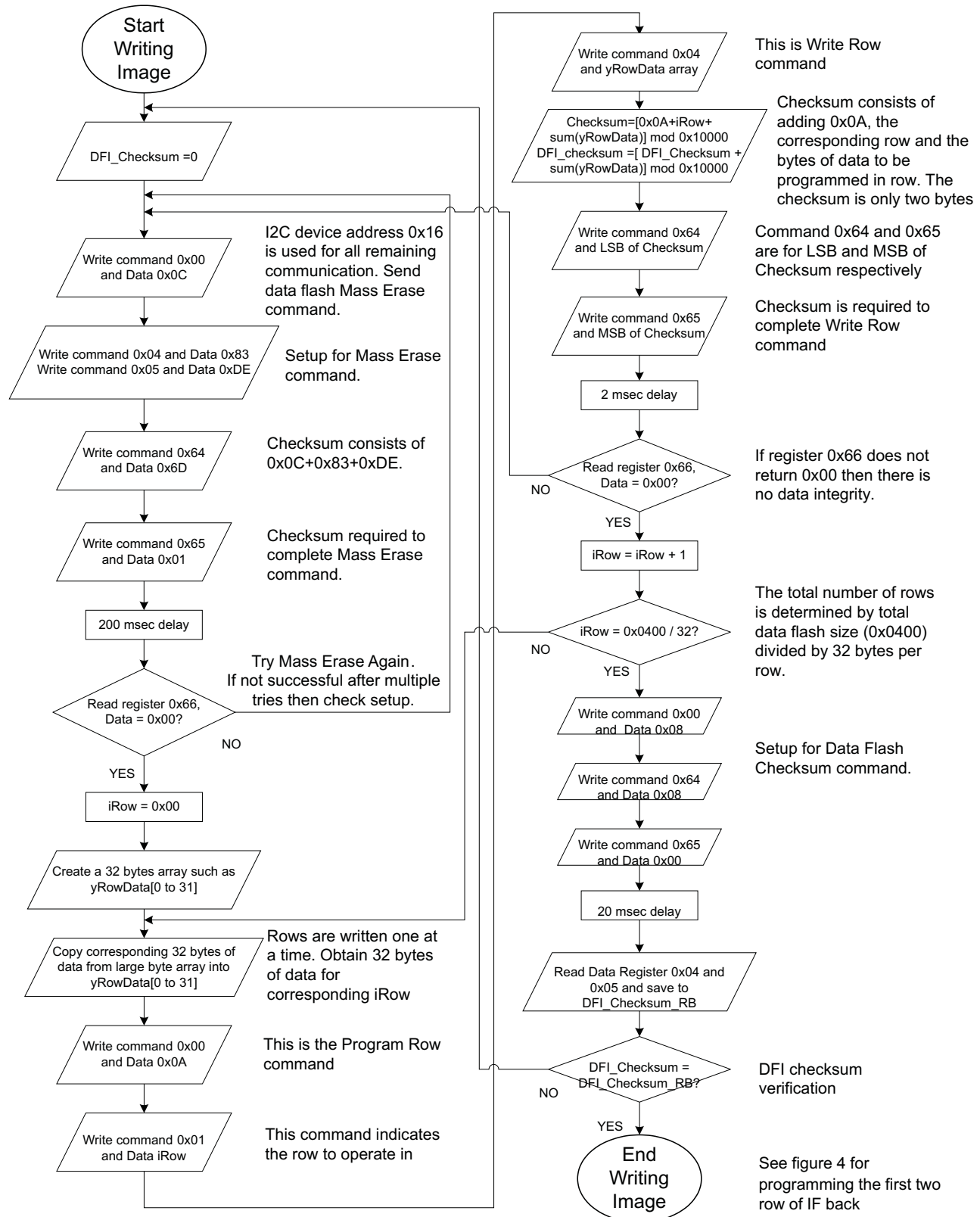
The last step of the bqH : 100 configuration at production is to give the RESET (0x0041), IT ENABLE (0x0021), and SEALED (0x0020) commands. These commands are given by writing the corresponding two-byte data value into the CONTROL register (command 0x00/0x01) using I<sup>2</sup>C.

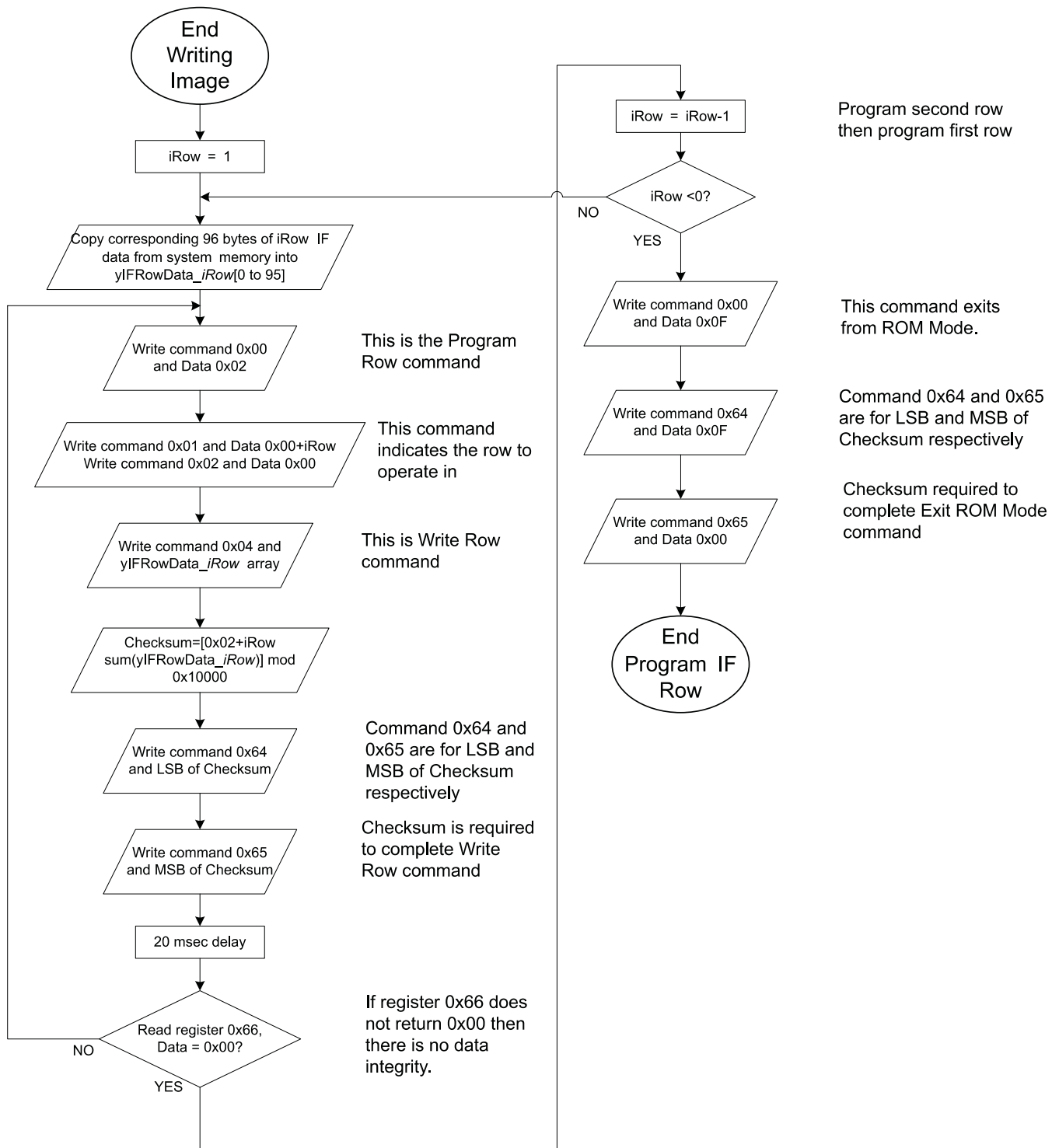


**Figure 1. bqH : F€€ Production Flow**



**Figure 2. Instruction Flash First Two Row Record and Erase Flow**


**Figure 3. DFI Write Flow**


**Figure 4. Instruction Flash First Two Row Reprogram Flow**

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