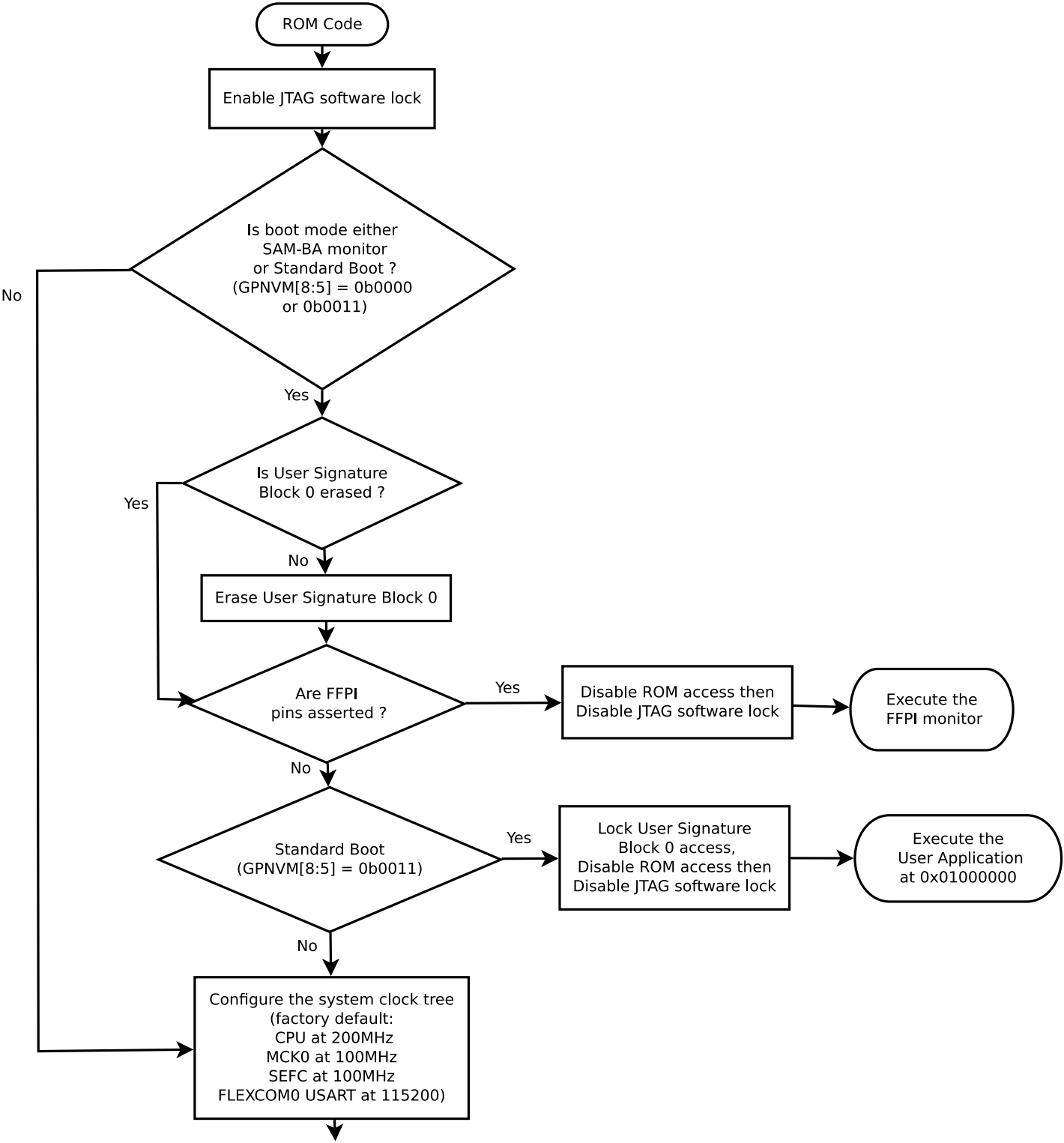
ROM Code
Enable JTAG software lock
Is boot mode either SAM-BA monitor or Standard Boot ? (GPNVM[8:5] = 0b0000 or 0b0011)
No
Yes
Is User Signature Block 0 erased ?
Yes
No
Erase User Signature Block 0
Are FFPI pins asserted ?
Yes
Disable ROM access then Disable JTAG software lock
Execute the FFPI monitor
No
Standard Boot (GPNVM[8:5] = 0b0011)
Yes
Lock User Signature Block 0 access, Disable ROM access then Disable JTAG software lock
Execute the User Application at 0x01000000
No
Configure the system clock tree (factory default: CPU at 200MHz MCK0 at 100MHz SEFC at 100MHz FLEXCOM0 USART at 115200)