

## JFLASH 加载说明

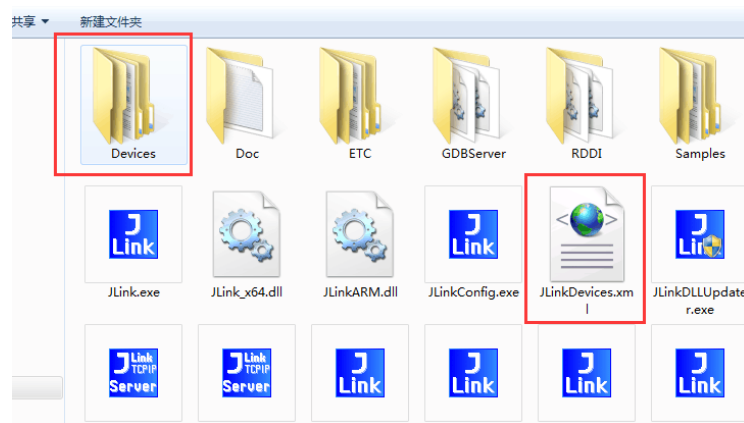
本文档主要用于在 J-LINK 软件中加载本公司指定型号芯片信息及下载算法，以达到使用 JFLASH 软件及 JLINK 仿真器对指定型号芯片 FLASH 进行擦除、写入及读取操作的目的。

J-LINK 软件下载地址：

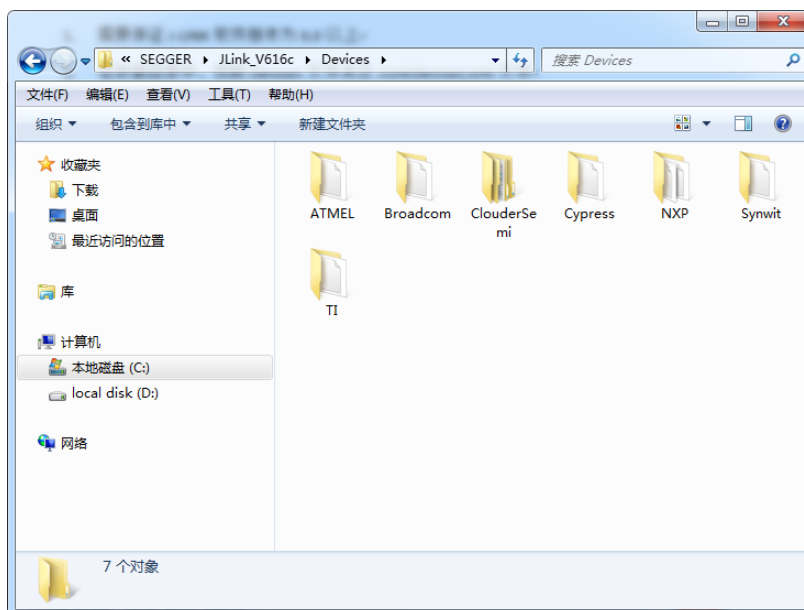
<https://www.segger.com/downloads/jlink>

使用注意事项及流程如下：

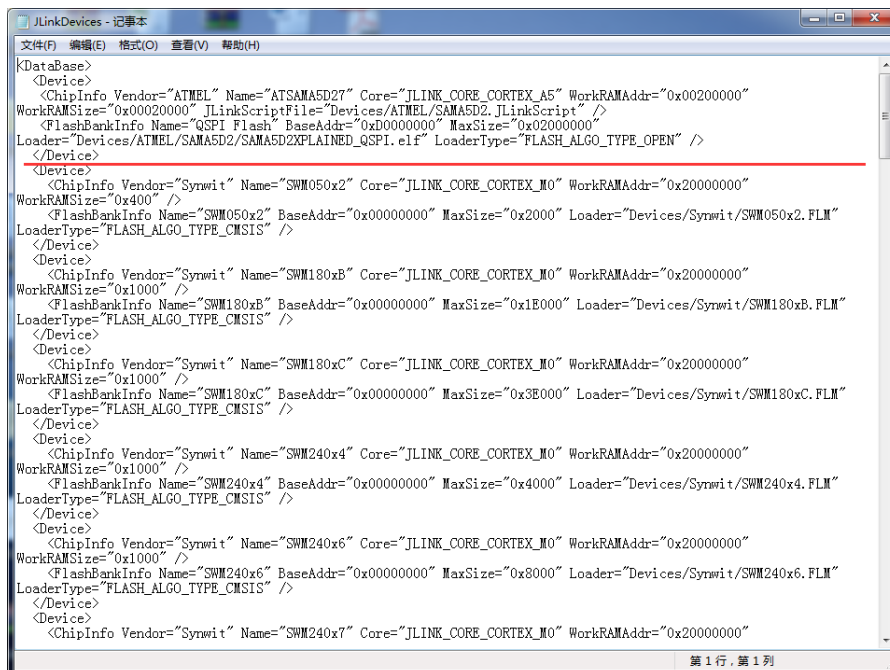
1. 需要保证 J-LINK 软件版本为 6.0 以上
2. 在安装目录中，找到 Devices 文件夹及 JLinkDevices.xml 文件



3. 在 Devices 文件夹下，将 Synwit 压缩包解压至该文件夹下，将算法加载至软件



- 以记事本方式打开 JLinkDevices.xml，将 JFLASH.txt 中内容拷贝至该文件中，需保证在</Device>后另起一行。

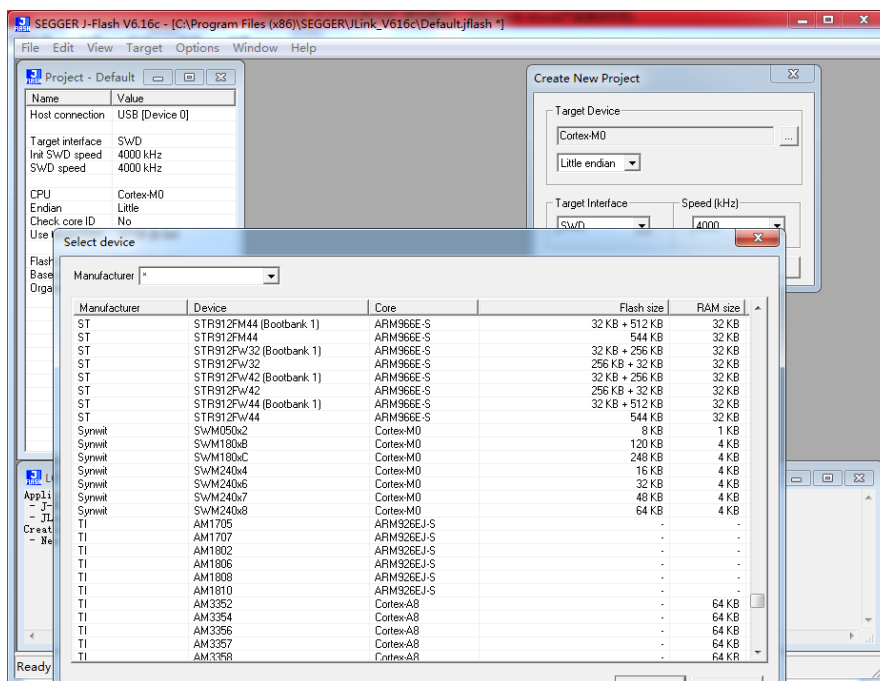


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<DataBase>
<Device>
  <ChipInfo Vendor="ATMEL" Name="ATSAMA5D27" Core="JLINK_CORE_CORTEX_A5" WorkRAMAddr="0x00200000"
  WorkRAMSize="0x00020000" JLinkScriptFile="Devices/ATMEL/SAMA5D2.JLinkScript" />
  <FlashBankInfo Name="QSPI Flash" BaseAddr="0x00000000" MaxSize="0x02000000"
  Loader="Devices/ATMEL/SAMA5D2/SAMA5D2XPLAINED_QSPI.elf" LoaderType="FLASH_ALGO_TYPE_OPEN" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM050x2" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  WorkRAMSize="0x400" />
  <FlashBankInfo Name="SWM050x2" BaseAddr="0x00000000" MaxSize="0x2000" Loader="Devices/Synwit/SWM050x2.FLM"
  LoaderType="FLASH_ALGO_TYPE_CMSIS" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM180xB" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  WorkRAMSize="0x1000" />
  <FlashBankInfo Name="SWM180xB" BaseAddr="0x00000000" MaxSize="0x1E000" Loader="Devices/Synwit/SWM180xB.FLM"
  LoaderType="FLASH_ALGO_TYPE_CMSIS" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM180xC" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  WorkRAMSize="0x1000" />
  <FlashBankInfo Name="SWM180xC" BaseAddr="0x00000000" MaxSize="0x3E000" Loader="Devices/Synwit/SWM180xC.FLM"
  LoaderType="FLASH_ALGO_TYPE_CMSIS" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM240x4" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  WorkRAMSize="0x1000" />
  <FlashBankInfo Name="SWM240x4" BaseAddr="0x00000000" MaxSize="0x4000" Loader="Devices/Synwit/SWM240x4.FLM"
  LoaderType="FLASH_ALGO_TYPE_CMSIS" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM240x6" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  WorkRAMSize="0x1000" />
  <FlashBankInfo Name="SWM240x6" BaseAddr="0x00000000" MaxSize="0x8000" Loader="Devices/Synwit/SWM240x6.FLM"
  LoaderType="FLASH_ALGO_TYPE_CMSIS" />
</Device>
<Device>
  <ChipInfo Vendor="Synwit" Name="SWM240x7" Core="JLINK_CORE_CORTEX_M0" WorkRAMAddr="0x20000000"
  </Device>

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- 在 JFLASH 中新建工程，选择指定型号



- 点击“OK”，并确认新建项目，即可使用 Target 中指令进行连接及擦除。