

Use J-Flash to program DCP

1. Download and install J-Link software

You can download form the below site

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

The version you downloaded should be v6.10 or later

2. Unzip MM32_JLINK_pack.zip

2.1 Copy \MM32_JLINK_pack\PackagesFiles\Devices\MindMotion to your JLink install folder
Default path is C:\Program Files (x86)\SEGGER\JLink_V644g\Devices

2.2 Copy \MM32_JLINK_pack\PackagesFiles\JLinkDevices.xml, and replace this file in your JLink install folder

File path is C:\Program Files (x86)\SEGGER\JLink_V644g\JLinkDevices.xml

3. Connect DCP to J-Link

To download program use 5 wires

J-LINK		DCP
VTref	<-->	VDD
GND	<-->	GND
SWDCLK	<-->	SWDCLK
SWDIO	<-->	SWDIO
RESET	<-->	nRST

Photo1 shows wires connect to J-Link



Photo1

Photo2 shows wires connect to the DCP



Photo2

SWDCLK – Green wire

SWDIO – Red wire

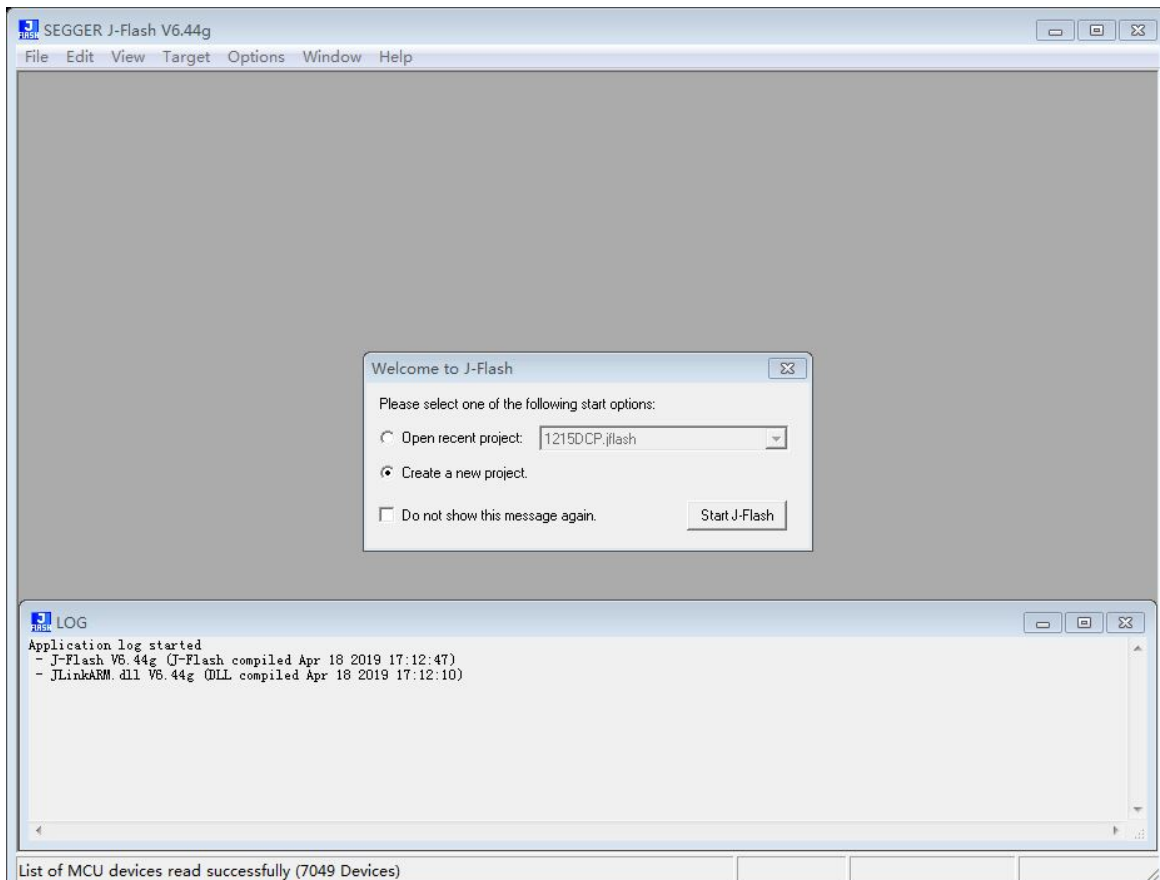
GND – Blue wire

VDD – Black wire

nRST – Yellow wire

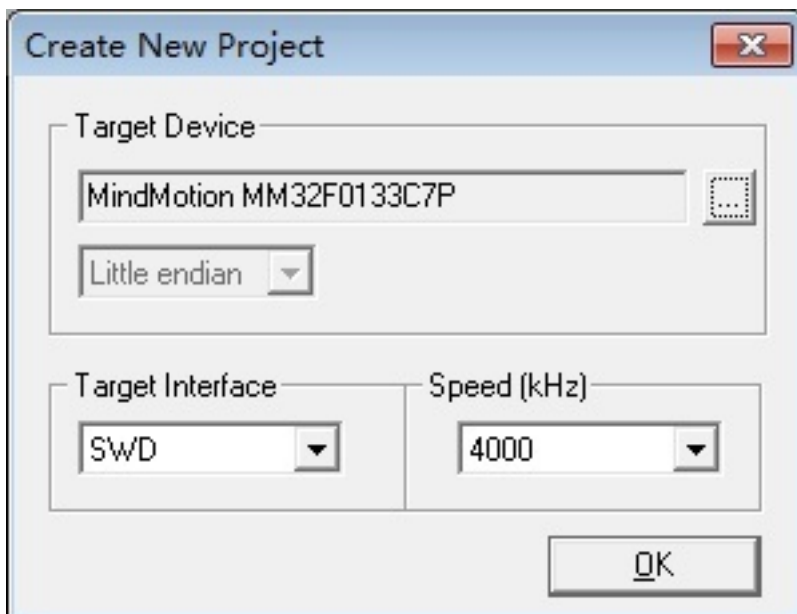
4. Program DCP

1) open JFlash.exe



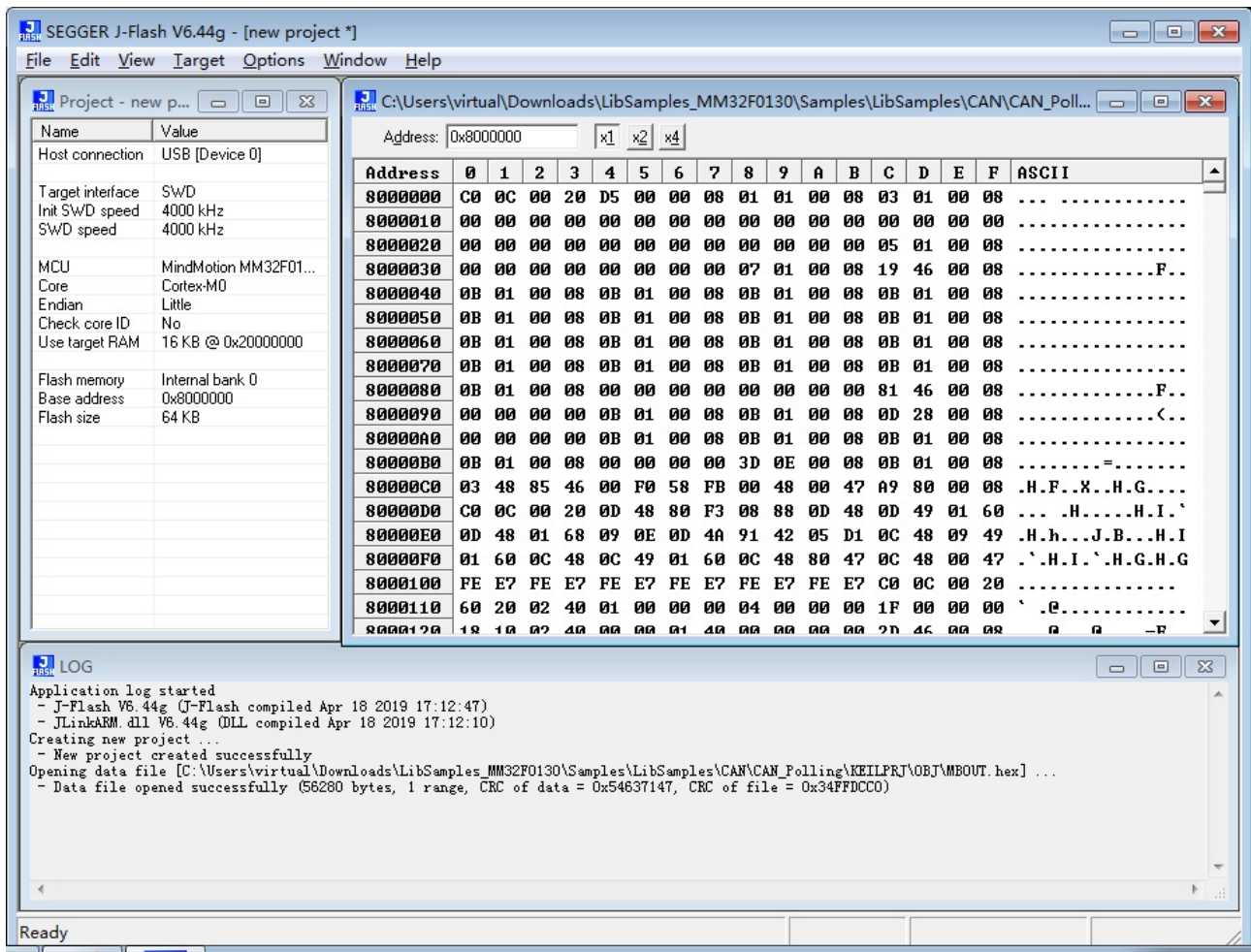
2) Choose Create a new project, then Start J-Flash

3) Select Target Device “MindMotion MM32F0133C7P” , then click OK

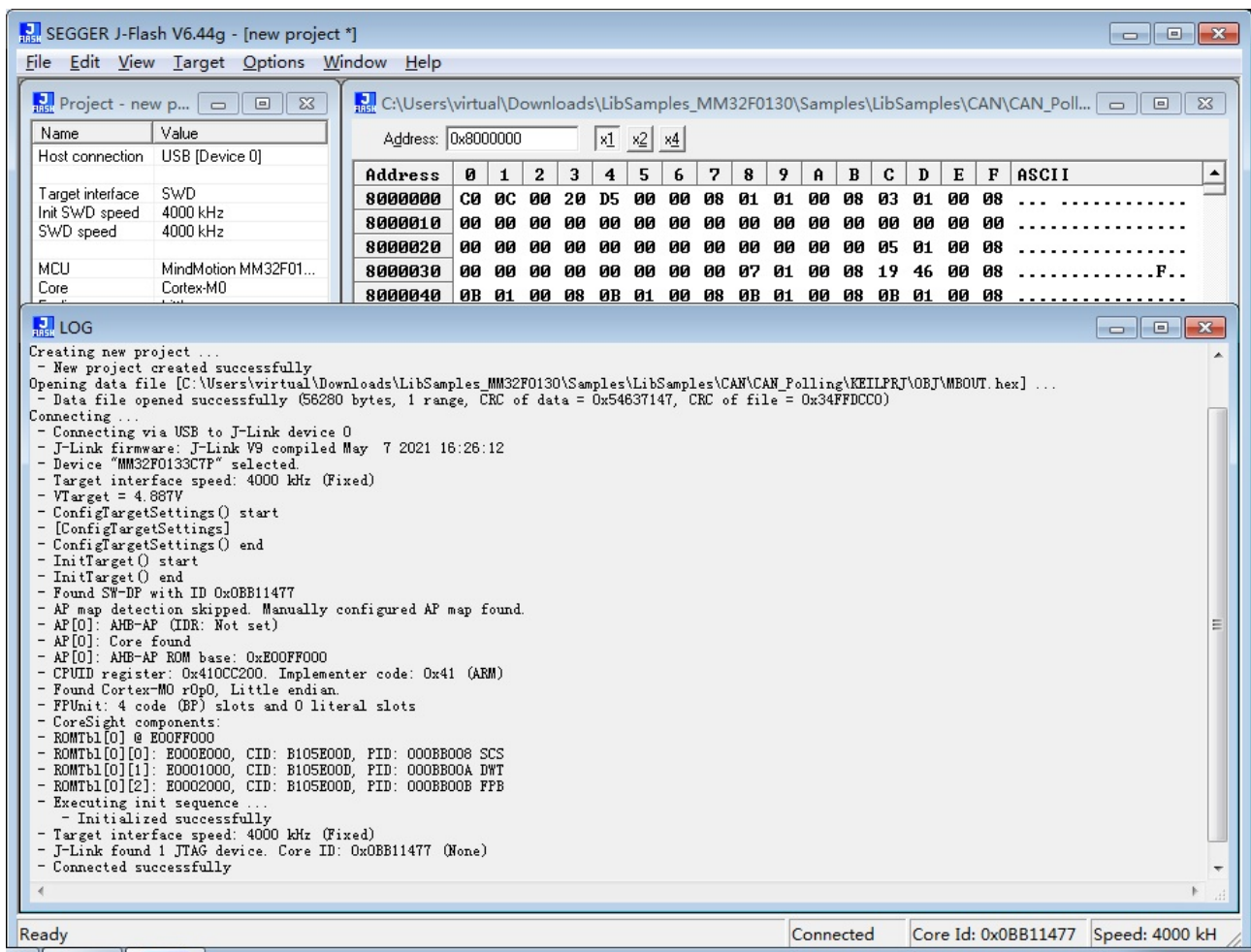


4) File -> Open data file...

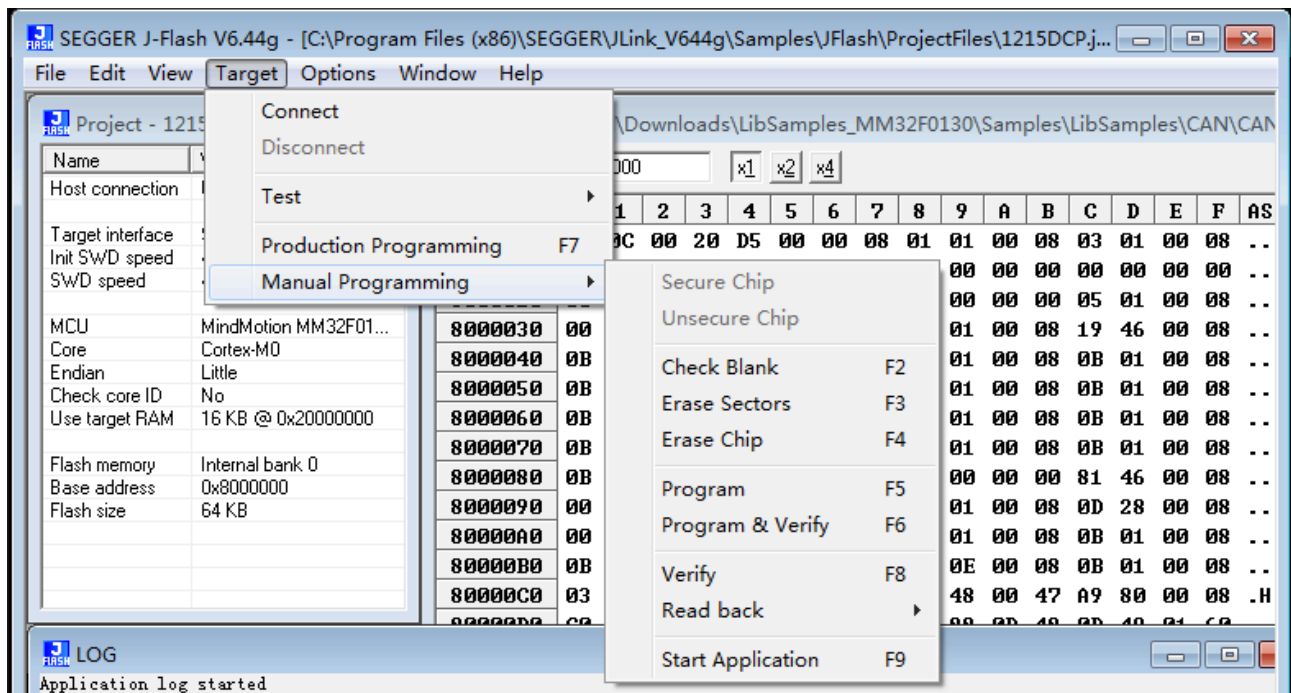
Select the hex file you want to update to the device



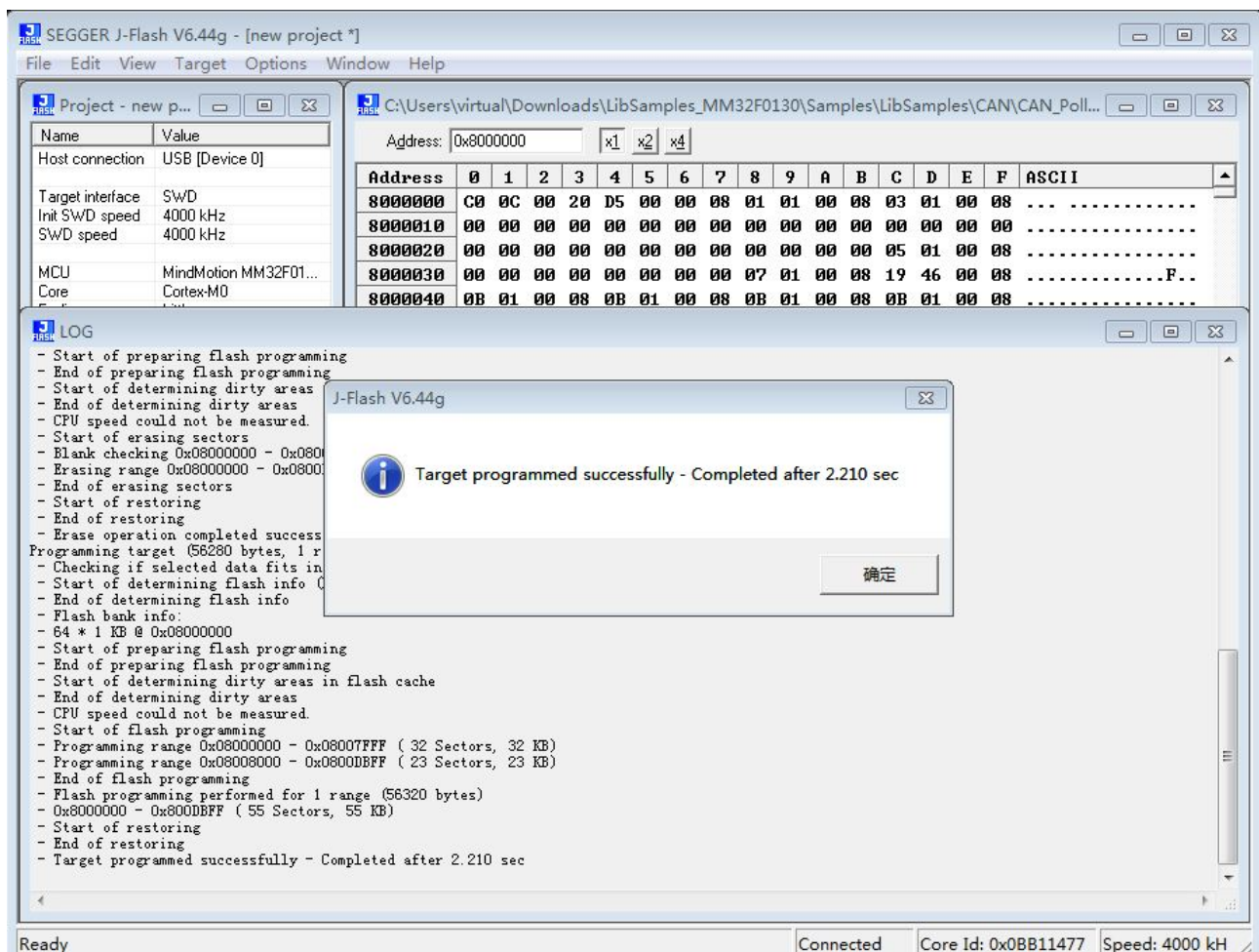
5) Target → Connect, please make sure DCP is power on



6) Target -> Manual Programming -> Erase Sectors



7) Target -> Manual Programming -> Program



After that, the DCP should be updated.