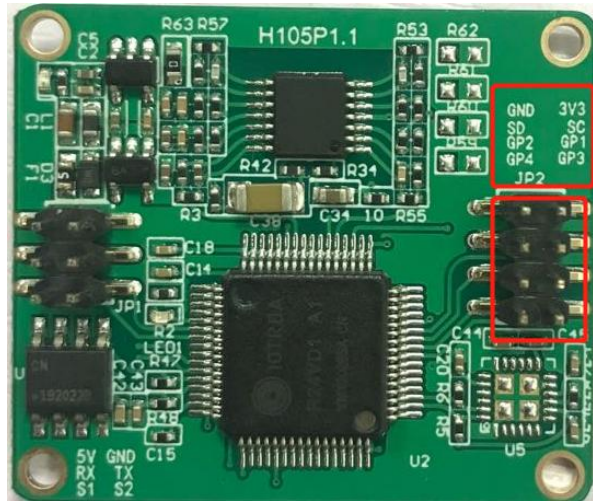


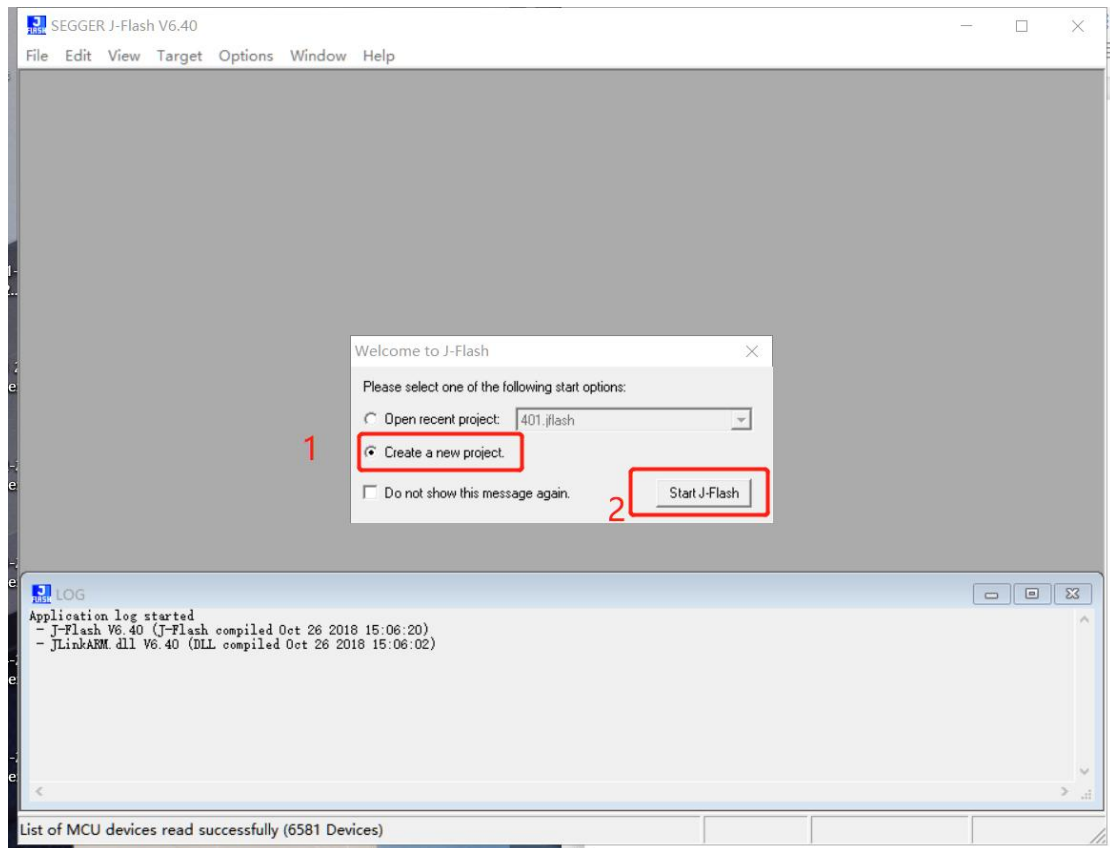
Connect JLINK tool and radar according to the following connection method, and connect JLINK to the computer

JLINK 雷达
VCC -----3V3
GND-----GND
SWDIO-----SD
SWCLK-----SC

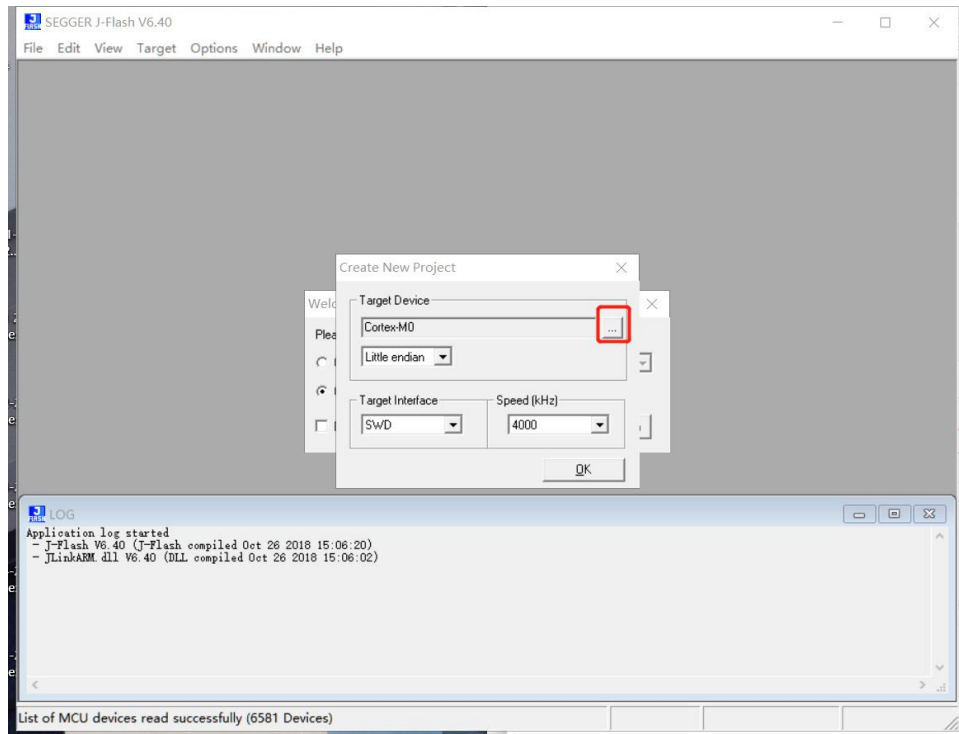
VCC	1	<input type="checkbox"/>	<input type="checkbox"/>	2	VCC (optional)
N/U	3	<input type="checkbox"/>	<input type="checkbox"/>	4	GND
N/U	5	<input type="checkbox"/>	<input type="checkbox"/>	6	GND
SWDIO	7	<input type="checkbox"/>	<input type="checkbox"/>	8	GND
SWCLK	9	<input type="checkbox"/>	<input type="checkbox"/>	10	GND
N/U	11	<input type="checkbox"/>	<input type="checkbox"/>	12	GND
SWO	13	<input type="checkbox"/>	<input type="checkbox"/>	14	GND
RESET	15	<input type="checkbox"/>	<input type="checkbox"/>	16	GND
N/C	17	<input type="checkbox"/>	<input type="checkbox"/>	18	GND
N/C	19	<input type="checkbox"/>	<input type="checkbox"/>	20	GND

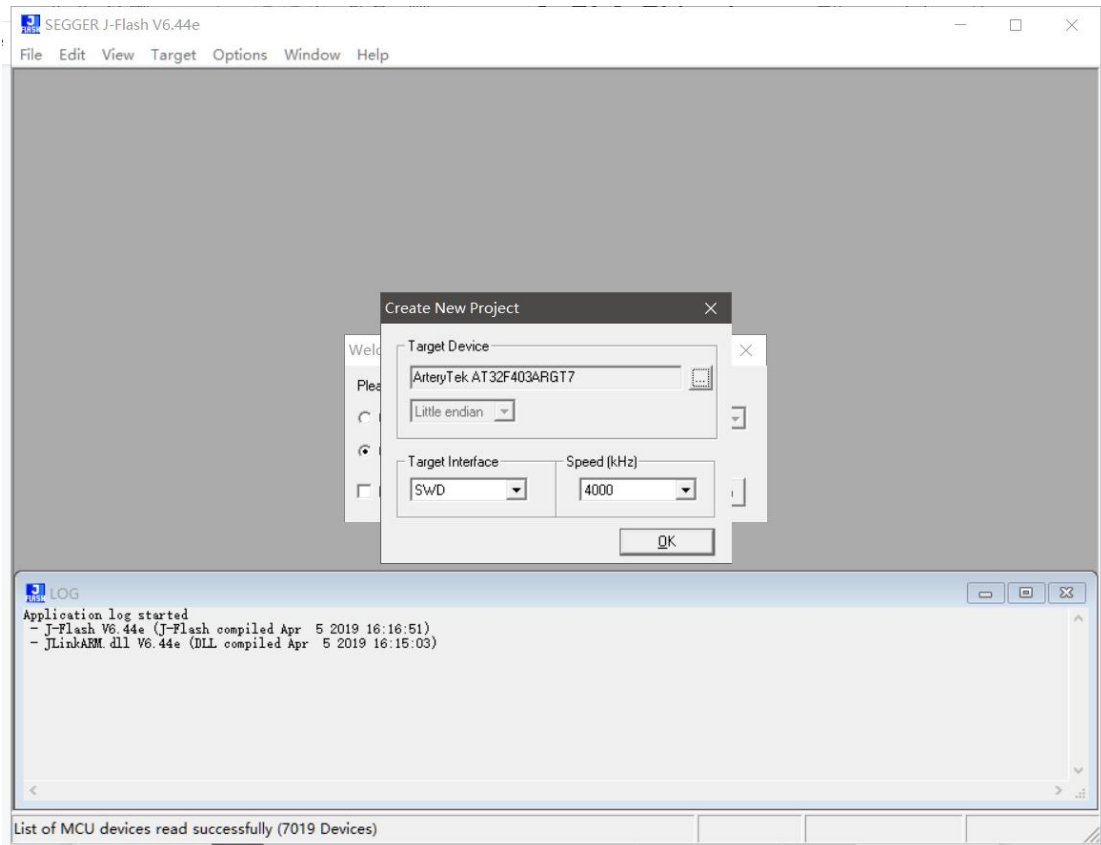
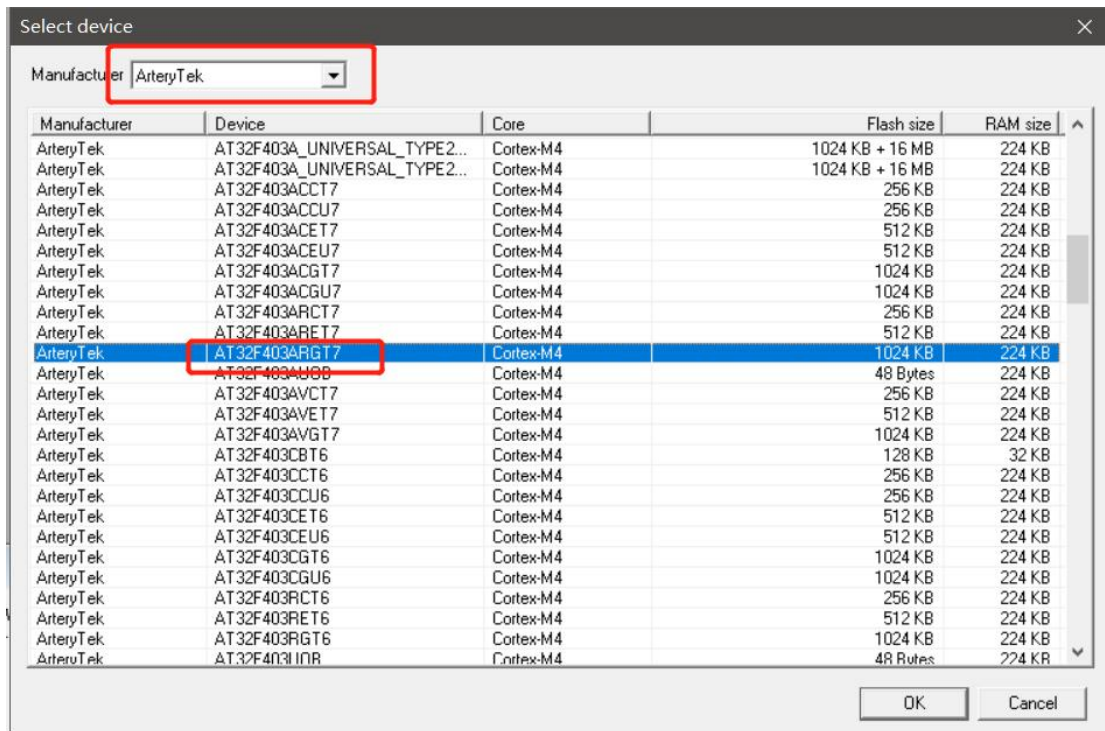


1: Create a new project.

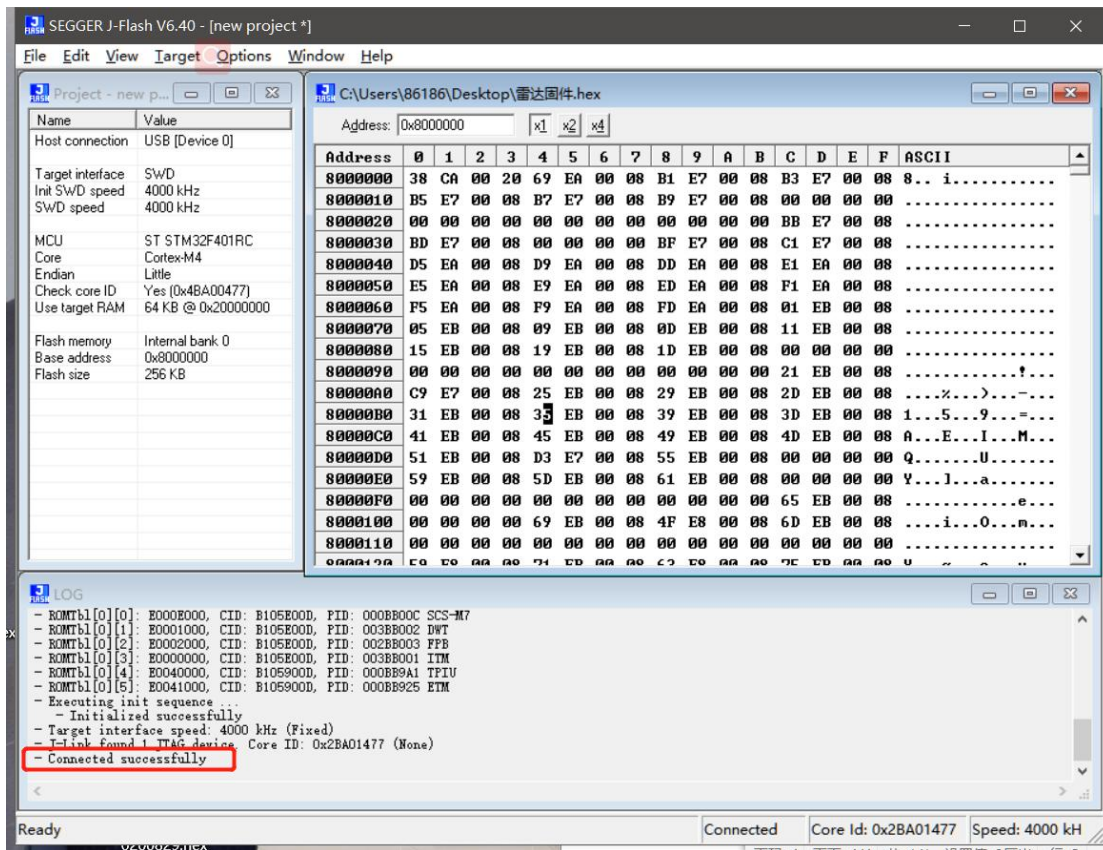


2. Select the chip type: AT32F403ARGT7 under the AT category, then click OK
(If you cannot find the chip catalog, please contact us and we will provide you with a patch.)

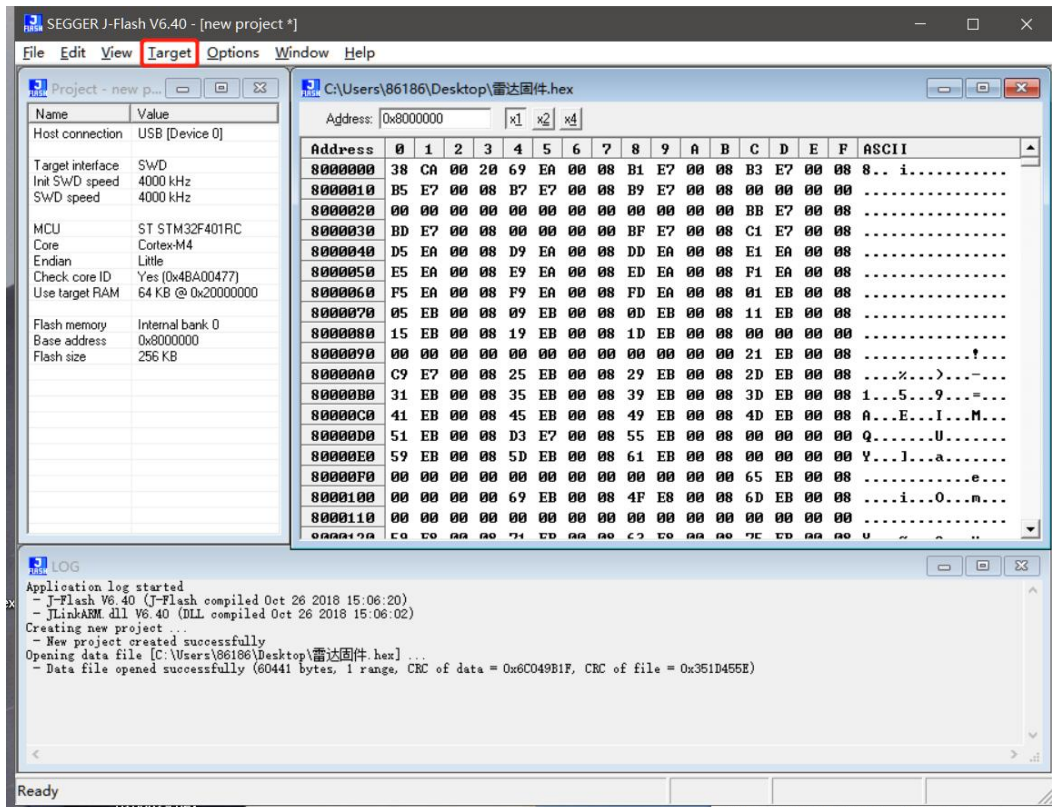




5. It will show connected successfully after connection.



6: Click Target -> manual Programming -> Erase Chip to erase radar flash.



7: Click Target -> manual Programming ->Program & Verify to burn the new firmware and it will show Connected successfully after burning.

The screenshot displays the SEGGER J-Flash V6.40 interface. The 'Target' tab is active, showing the following configuration:

- Project: new p...
- Host connection: USB [Device 0]
- Target interface: SWD
- Init SWD speed: 4000 kHz
- SWD speed: 4000 kHz
- MCU: ST STM32F401RC
- Core: Cortex-M4
- Endian: Little
- Check core ID: Yes (0x4BA00477)
- Use target RAM: 64 KB @ 0x20000000
- Flash memory: Internal bank 0
- Base address: 0x8000000
- Flash size: 256 KB

The main window shows a memory dump starting at address 0x8000000. The log window at the bottom contains the following messages:

```

- ROMTbl[0][0]: E000E000, CID: B105E00D, PID: 000BB00C SCS-M7
- ROMTbl[0][1]: E0001000, CID: B105E00D, PID: 003BB002 DWT
- ROMTbl[0][2]: E0002000, CID: B105E00D, PID: 002BB003 FFB
- ROMTbl[0][3]: E0000000, CID: B105E00D, PID: 003BB001 ITM
- ROMTbl[0][4]: E0040000, CID: B105900D, PID: 000BB9A1 TPIU
- ROMTbl[0][5]: E0041000, CID: B105900D, PID: 000BB925 ETM
- Executing init sequence ...
- Initialized successfully
- Target interface speed: 4000 kHz (Fixed)
- Link found! JTAG device, Core ID: 0x2BA01477 (None)
- Connected successfully
  
```

The status bar at the bottom indicates 'Ready', 'Connected', 'Core Id: 0x2BA01477', and 'Speed: 4000 kHz'.