FLASHの特定の領域をEraseする

2020年11月19日 10:00

"View → Target Configrurations" と選択し、Target Configrurationsウィンドウを開きます。



Target Configrurationsウィンドウから、デバイスに接続するためのccxmlファイルを選択し、 右クリックから"Launch Selected Configuration"を選択します。





| p TEST - Source not found Code Composer Studio | | | | | | | | | | | |
|--|-------|------|---------|-------|--------|-----------|--------|------|--|--|--|
| File | Edit | View | Project | Tools | Run | Scripts | Window | Help | | | |
| 📸 🛨 🔚 🐚 💷 🕪 🚺 On-Chip Flash | | | | | | | | | | | |
| * | Debua | 53 | | C |)ebugg | er Optior | 15 | > | | | |

このOn-Chip FlashのErase Settingから、"Selected Sectors Only"を選択し、Eraseしたいセクターのみ選択します。

| 🔟 On-Chip Flash 🔀 | | | | |
|---------------------------------|---|--|--|--|
| type filter text | Performance Settings | | | |
| Memory Map | Note: any unwritten memory locations between sec and ECC will be programmed if AutoEccGeneration | | | |
| GEL Files | Combine Sections during Program Load to increas | | | |
| Program/Memory Load Options | Erase Settings | | | |
| Misc/Other Options | O Entire Flash | | | |
| C28xx Disassembly Style Options | O Necessary Sectors Only (for Program Load) | | | |
| | Selected Sectors Only | | | |
| | Sector A (0x80000 - 0x81FFF) | | | |
| (| Sector B (0x82000 - 0x83FFF) | | | |
| | Sector C (0x84000 - 0x85FFF) | | | |
| | Sector D (0x86000 - 0x87FFF) | | | |
| (| Sector E (0x88000 - 0x8FFFF) | | | |
| | Sector F (0x90000 - 0x97FFF) | | | |
| | Sector G (0x98000 - 0x9FFFF) | | | |
| | Sector H (0xA0000 - 0xA7FFF) | | | |
| | Sector I (0xA8000 - 0xAFFF) | | | |
| | Sector J (0xB0000 - 0xB7FFF) | | | |
| | Sector K (0xB8000 - 0xB9FFF) | | | |
| | Sector L (0xBA000 - 0xBBFFF) | | | |
| | Sector M (0xBC000 - 0xBDFFF) | | | |
| | Sector N (0xBE000 - 0xBFFFF) | | | |
| | Erase Flash Check/Uncheck All Sectors | | | |

この状態で、"Run → Load → Load Program.."から書き込みたいoutファイルを選択し書き込むと、 指定されたSectorのみEraseし書き込みが行われます。

| ô TEST - Source not found Code Composer Studio | | | | | | | | | |
|--|-----|---------------------|------------|---------------|--|--|--|--|--|
| File Edit View Project Tools | Run | Scripts Window Help | | | | | | | |
| : 📬 🗝 🔚 🐚 : 🔜 : 🖿 💷 🔳 : | - | Connect Target | Ctrl+Alt+C | 2.0.5.10.1 | | | | | |
| the Deliver M | | Disconnect Target | Ctrl+Alt+D | Ī | | | | | |
| | 糁 | Restore Debug State | Alt+E | | | | | | |
| ✓ W F28379D_LAUNCHPAD.ccxml ✓ m [®] Texas Instruments XDS100 | | Load | > | Load Program. | | | | | |