

CRC Calculator

Steps:

1. Execute CRCcal.exe either by using compiler as shown in figure 1 (by executing ./CRCcal.exe command) or by directly running CRCcal.exe as shown in figure 2.

```
1000296249@SCG14623NV /cygdrive/c/Users/1000296249/Documents/eFuseSimulator
$ ./CRCcal.exe
Enter eFuse words (32 bits at a time)
Enter hex data for 1 word: 10889090
Enter hex data for 2 word: 88000008
Enter hex data for 3 word: 10101052
Enter hex data for 4 word: 28849000
Enter hex data for 5 word: 10800000
Enter hex data for 6 word: 0
Enter hex data for 7 word: 0
Enter hex data for 8 word: 10200
```

Fig 1

C:\Users\1000296249\Documents\eFuseSimulator\CRCcal.exe

```
Enter eFuse words (32 bits at a time)
Enter hex data for 1 word: 10889090
Enter hex data for 2 word: 88000008
Enter hex data for 3 word: 10101052
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Enter hex data for 5 word: 10800000
Enter hex data for 6 word: 0
Enter hex data for 7 word: 0
Enter hex data for 8 word: 10200
```

Fig 2

2. Enter hex data for each word (wafer sort and package CRC should be set to 0). After the script executes the Wafer Sort CRC bits and Package Sort CRC bits will be stored in files named as WaferSortCRC.txt and PackageCRC.txt in the same directory.
3. Open these files in hex viewer to read the CRC bits.

PackageCRC.txt	WaferSortCRC.txt	PackageCRC.txt	WaferSortCRC.txt
Offset	0 1 2 3	Offset	0 1 2 3
00000000	C6	00000000	AA

Fig 3