3. (5) Use your favorite Internet resources to determine what relevance the "Thumb" instruction set has to ARM processors such as the Cortex-M4. What makes Thumb instructions special?

Thuns instructions are only 16 bits, but decompress into full 32617 ARM instructions without performance los.

4. (5) What file in the "Lab Materials" module on Canvas contains an assembly language reference? How many pages is it?

Cortex-MU ISA. pelf 169 pages

5. (5) What kind of information is contained in the Tiva Data Sheet (called the "Tiva Manual" on Canvas)?

of the system-on-chip device around the ARM cottex-MUF core.

6. (3) From the Tiva Reference Manual, find the **Revision History** section and then indicate the most recent revision date, the revision number and at least one change that was made in this newest version.

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7. (16) Label what each arrow in Figure 1 points to on the Tiva C board. There are 14 arrows.