Mariam and Sultan are learning about embedded systems. Help them to complete the activity below by filling in the gaps.

| RTOS | software | time | three | microcontroller | debugger |
|---|---|---|---|---|---|

Embedded systems are made up of _____ important components. They are hardware, _____ and a real time operating system. There are a range of components found in the hardware of an embedded systems. Some examples include power supply, _____ and input/output. There are also a range of components found in the software of an embedded systems. Some examples include assembler, emulator and _____. A real time operating system, also known as _____ is used when a computer needs to react within a certain _____ to an input.

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