

## EMG MONITORING SYSTEM

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### **ABSTRACT**

*The first recognized embedded system is the Apollo Guidance Computer (AGC) developed by MIT lab. AGC was designed on 4K words of ROM & 256 words of RAM. The clock frequency of first microchip used in AGC was 1.024 MHz.. The computing unit of AGC consists of 11 instructions and 16 bit word logic. It used 5000 ICs. The UI of AGC is known DSKY (display/keyboard) which resembles a calculator type keypad with array of numerals. The first mass-produced embedded system was guidance computer for the Minuteman-I missile in 1961. In the year 1971 Intel introduced the world's first microprocessor chip called the 4004, was designed for use in business calculators. It was produced by the Japanese company Busicom.*

**KEYWORDS:** *Apollo Guidance Computer, MIT Lab*