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    Sommario/riassunto   Open-source electronics are becoming very popular, and are integrated
                           with our daily educational and developmental activities. At present, the
                           use open-source electronics for teaching science, technology,
                           engineering, and mathematics (STEM) has become a global trend. Off-
                           the-shelf embedded electronics such as Arduino- and Raspberry-
                           compatible modules have been widely used for various applications,
                           from do-it-yourself (DIY) to industrial projects. In addition to the
                           growth of open-source software platforms, open-source electronics
                           play an important role in narrowing the gap between prototyping and
                           product development. Indeed, the technological and social impacts of
                           open-source electronics in teaching, research, and innovation have
                           been widely recognized.