

ABSTRACT

A copper alloy for and electric and an electronic device is provided. The copper alloy includes: Mg in a range of 0.15 mass% or more and less than 0.35 mass%; P in a range of 0.0005 mass% or more and less than 0.01 mass%; and a Cu balance including
5 inevitable impurities. In the copper alloy, a Mg content [Mg] and a P content [P], both of which are in a mass ratio, satisfy a relationship expressed by $[Mg] + 20 \times [P] < 0.5$, and an electrical conductivity of the copper alloy is more than 75%IACS.