

A new reconfigurable multi band microstrip antenna is presented in this paper. The patch has the shape of a 6 armed star printed on a hexagonal substrate. The reconfigurability of the antenna is obtained by inserting small switches on rectangular slots cut in the patch. Different switch configurations were investigated and different functionalities of the antenna were obtained. The antenna has many practical applications, like in GSM, wireless LAN, WIMAX and many other systems, as illustrated in detail herein. The antenna changes its application according to which switches are activated.