

Renesas Technology America have launched new microcontrol units (MCU) for advanced driver assistance systems such as obstacle detection and risk avoidance.



The 32-bit SH74552 and SH74562 MCUs feature a compact 13 mm package, 160 MHz clock speed, 1 MB of high-speed on-chip flash memory, and on-chip functions such as 4-channel controller-area network (CAN). Sample shipments will begin this May in Japan.

Higher-end MCUs are already shipping on a sample basis to makers of luxury cars; at the same time, demand has grown for advanced driver assistance systems suitable not only for high-end vehicles, but for lower-cost vehicles as well.