



## **Automotive Semiconductor Testing**

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Amid the rapidly rising semiconductor market, the role of semiconductor devices is increasingly important in the on-vehicle electronics market, which is said to be growing in a long-term and constant manner. As the spread of automotive electronics is proceeding to be driven by autonomous driving and EV (Electric Vehicle) shift, it is no doubt that we will enter the era of more than half of automobile cost is occupied by automotive electronics. The introduction of new test technology has been debated for the specificity of the market where high standards are required in all aspects of safety, long-term stability, environmental resistance, and performance in order to achieve both improvement in the quality of semiconductor devices and cost reduction.

In this section, we will provide our customers with test proposals for new automotive applications using the new products such as MMXHE / MFHPE. And we will explain Advantest's extensive efforts in the field of in-vehicle testing. We are going to introduce representative testing techniques required near future as well. Advantest will contribute to the creation of a better society with all measurement technologies such as memory, non-memory semiconductor test equipment, system level test equipment, imaging analysis equipment, etc. We will make a breakthrough to new fields with this attitude as the starting point. I am convinced that the automotive electronics market will be the big stage to all of us.