

COMPONENTS & DEVICES: CONTRIBUTING TO AN ADVANCED INFORMATION SOCIETY WITH **CORE BUSINESS** **SYNERGIES**



**HIGH-DENSITY
BUILD-UP
MULTILAYER PWB**

The Components & Devices business has grown to win the confidence of many clients all over the world through a history of satisfying the needs of Consumer Electronics and Professional Electronics markets. JVC is now the world's largest manufacturer of deflection yokes, the essential component of CRTs for computer displays. Also, unit shipments of our high-precision motors for floppy and hard disk drives are maintaining double-digit growth.

With these two product lines forming pillars of the Components & Devices business, **high-density build-up multilayer PWBs** (printed wiring boards) are fast

becoming the third business pillar with the emergence of the digital-mobile era. JVC is establishing reliability throughout the world with innovative technologies such as free inter-layer connection in PWBs, which was perfected through the development of DVC. Our high-density build-up multilayer PWBs, well received for their performance, quality and reliability, will meet the demand for compactness and high density. World-leading notebook PC makers are employing JVC's PWBs as the motherboards in their products, while the world's largest communications equipment manufacturers are using this product in mobile phones.

The demand for high-density PWBs is steadily expanding as information and communication equipment require increasingly higher density and frequencies on an even smaller size. JVC is conducting large-scale capital investment to consolidate production lines to strengthen operations as one of the projects to precisely meet demand. On the other hand, JVC is also looking into **Semiconductor Package Substrates**, which connect LSIs and high-density multilayer PWBs, as the next market with a potential for fast growth.

The information and communications devices market is bursting with expectations for spectacular growth. In this field, superior components and devices will enhance the value of end products. JVC is focusing efforts in this area and aiming for higher growth backed by market-leading products.