Electronics is the major industry underpinning Singapore’s economic growth. In 2009, electronics contributed an output of approximately S$63 billion and employed more than 76,000 workers. Of the S$11.8 billion in fixed asset investment Singapore received that year, electronics was the largest contributor, accounting for 41.5%.

Singapore aims to be a world-class electronics hub, creating manufacturing solutions and producing high value-added components for the global market. This is the choice location for companies and talent to create and manage new markets, advanced products and processes, technologies and applications.

Semiconductor

Singapore’s semiconductor industry consists of Integrated Circuit (IC) design, wafer fabrication, and assembly and test activities. Today, there are 14 wafer fabs, 20 assembly and test operations, and about 40 IC design centres. This includes the world’s top three wafer foundry companies, three of the world’s top five assembly and test subcontractor companies, and nine of the world’s top 10 fabless IC design companies. In 2009, Singapore accounted for 11.2% of the global semiconductor output.

Leading players in Singapore include: Broadcom, Globalfoundries, Infineon, STATS ChipPAC, UMC, United Test & Assembly Centre, Xilinx Asia Pacific, and more.

New Growth Areas

With existing capabilities in IC design, R&D and manufacturing technologies, Singapore’s electronics industry also provides the opportunity to develop solutions for tomorrow’s challenges through the new growth areas of green electronics, bioelectronics, security and plastic electronics.

Analogue IC design is the key enabling capability for power management and energy harvesting. To position the nation in advanced analogue and mixed signal design capabilities, Singapore launched the new IC Design Centre of Excellence, VIRTUS.

The S$50 million centre aims to be a world-class IC design house, developing key technologies required to design integrated circuits and systems for applications in medical technology, clean technology and consumer electronics. In addition to its primary focus in design, innovation and enterprise, VIRTUS is also committed to train more than 100 postgraduate students and researchers in the next five years.

There has never been a better time to become a part of Singapore’s global success story. Put yourself at the centre of it all today – Contact Singapore now.

To find out more about career opportunities in Singapore, visit www.JobsAtSingapore.sg or contact us at seasia@contactsingapore.sg.