



D E S ELECTRONICS

***Strengthening Malaysia's Role in the
Global Electronics Landscape***



D E S Electronics Sdn. Bhd.

Malaysia's electronics industry has secured its position on the global map, and D E S Electronics Sdn Bhd fully acknowledges this momentum. As a local company, D E S Electronics recognizes the opportunities presented by Malaysia's strategic advantages. The country's well-established infrastructure, skilled workforce, and robust trade agreements make it an attractive hub for the electronics manufacturing sector. The company has leveraged these strengths to grow its business and integrate into global supply chains. They remain committed to adapting through automation and enhancing their capabilities in line with Malaysia's expanding global presence.

Building on this foundation, D E S Electronics sees a promising future for Malaysia in the Southeast Asian electronics supply chain, particularly in contract manufacturing. With its advantageous location, strong manufacturing base, and excellent connectivity, Malaysia serves as a bridge for international companies outsourcing electronics production. The nation's skilled workforce and established supply chain infrastructure provide a competitive edge in terms of cost, efficiency, and quality standards. The company is well positioned within this ecosystem, offering reliable, cost-effective, and high-quality contract manufacturing services.

To support this role, the company provides a comprehensive range of services designed to meet diverse customer needs. These include PCB assembly, circuit design, testing, and full-turnkey manufacturing solutions. D E S Electronics places a strong emphasis on high precision and quality in its production processes. Value-added services such as product engineering, prototyping, and after-sales support further distinguish the company. With a customer-oriented approach, they work closely with clients to understand their specific needs, ensuring timely project execution. The adoption of advanced technologies, including Automated Systems and Intelligent Material Storage Systems, has enabled the company to maintain a competitive edge in the market.

The global electronics manufacturing sector is projected to exceed USD 1.5 trillion by 2027, and the company is continuously upgrading its facilities with the latest automation technologies to enhance production speed and precision. It has also refined its assembly processes to accommodate smaller SMT components in response to miniaturization trends. Additionally, D E S has invested in new machinery and PCB repair capabilities to meet evolving customer requirements. Additionally, D E S has invested in new machinery and enhanced PCB repair capabilities to meet evolving customer requirements, including the setup of a Class 100 cleanroom.

Supporting this journey, Global Electronics Association has played a significant role in D E S Electronics' growth. The use of association's standards and training resources ensure access to the best global practices and has enhanced the company's manufacturing processes and ensures compliance with international standards.

“The Global Electronics Association have been instrumental in shaping our commitment to quality and consistency, through its IPC standards. By aligning with globally recognized benchmarks, DES Electronics delivers manufacturing excellence that meets the expectations of the world's most demanding markets.”

Mr. CL Yu, Director - D E S

Additionally, the association's networking events have provided valuable opportunities for the company to showcase itself to build industry relationships.

Looking ahead, D E S Electronics emphasizes the importance of workforce development to the future of Malaysia's electronics manufacturing sector. As technology advances, the need for skilled workers, who can manage new processes and operate advanced machinery, has been more critical. Education and skill development programs ensure that newcomers are well-versed in the latest industry practices, directly contributing to improved manufacturing process quality. The company place strong emphasis on ongoing education and believes that cultivating a skilled workforce is essential to fulfilling customer requirements.