

Irish Super Smart Capacitor Factory



Overview

Operating from our European base in Galway, Ireland, we combine engineering expertise with responsive local service to deliver solutions that perform when it matters most. Every capacitor is designed and manufactured to exacting standards. We proudly serve a global community of customers, with a strong presence in over 25 countries worldwide—including Poland, Germany, France, United Kingdom, Italy, Spain, Netherlands, Sweden, Norway, Denmark, Finland, Czech Republic, Slovakia, Hungary, Austria, Switzerland, Belgium, Ireland. For over 55 years, Electronic Concepts has been the trusted partner for OEMs who refuse to compromise on quality. Every. Then, the late Maurice Whelan founded Silicon & Software Systems – later known as S3 Group – in 1986 in Dublin. Today, the Irish semiconductor sector has grown into a global hub, now home to 14. With its decades-long track record in semiconductors, Ireland can play a critical role in meeting the industry's challenges, from supply chain resilience to innovating with new technologies like quantum computing and AI. Semiconductors are everywhere: as our world becomes more digital, it's driving. Capital Switchgear specializes in low voltage switchgear solutions, offering a variety of products, including Power Factor Correction Units, which are essential for improving energy efficiency in electrical systems. Their expertise in tailored solutions for mission-critical projects ensures. A capacitor is a passive device on a circuit board that stores electrical energy in an electric field by virtue of accumulating electric charges on two close surfaces insulated from each other.



Article Content

Inside the rise of the semiconductor industry | IDA Ireland

With its decades-long track record in semiconductors, Ireland can play a critical role in meeting the industry's challenges, from supply chain resilience to innovating with new technologies like quantum

Film Capacitor Solutions: High Rel & Power Electronics

An extensive range of metallised polypropylene and other film capacitors across DC-link, snubber, AC filtering, and high-voltage applications. Fast delivery

New Smarter Factory Technology Gateway to Propel Irish Companies

Smarter Factory Technology Gateway The Irish Government, through Enterprise Ireland (EI) + the EU established and co-funds the Smarter Factory Technology (SFT) Gateway, based in TUS,

Ultra-Capacitors Support Irish Smart Grid Test Bed

Freqcon has installed an energy storage system for Ireland's Tallaght Smart Grid Test Bed. The solution is integrated with Maxwell's ultra-capacitors

Intel to Sell 49% of Irish Venture to Apollo for \$11 Billion

(Bloomberg) -- Intel Corp. agreed to sell a stake in a venture that controls a plant in Ireland to Apollo Global Management Inc. for \$11 billion,

KAMCAP Supercapacitor, China Ultracapacitor Manufacturer, Buy ...

Kamcap is one of the leading supercapacitor manufacturers in China. We supply high-quality ultracapacitors, including coin type supercapacitor, winding type supercapacitor, combined type

Capacitor Manufacturers & Suppliers in Ireland | Trademo

Find and discover Capacitor manufacturers and suppliers for all products in Ireland, featuring details on their shipment activities, trade volumes, trading partners, and more.

Capacitor Manufacturers

Electronic Concepts manufactures a range of standard Film Capacitors and an extensive selection of Custom Designs for the Electronics Industry.

Top 10 Supercapacitor Manufacturers in the world

Supercapacitors or ultracapacitors offer unique advantages like ultrafast charging, reliable operation spanning millions of duty cycles alongside wide operating

Skeleton to Build the World's Largest Supercapacitor

Skeleton invests 220 M EUR in Leipzig area, Germany to build the world's largest supercapacitor factory in partnership with Siemens. Skeleton

Europe Smart Capacitor Market: Analyzing Key Trends ...

Smart Capacitor Market size was valued at USD 1.2 Billion in 2024 and is forecasted to grow at a CAGR of 9.

25 years of excellence: Hitachi Energy's smart capacitor factory

Hitachi Energy held the 25th anniversary celebration of Xi'an Hitachi Energy Power Capacitor Co., Ltd. on Oct.24 in China's northwest Shaanxi province. Over a hundred industry

Top 52 Electronic Component Suppliers in Ireland (2026) | ensun

Irish Electronics specializes in electronic components, offering a wide range of products, including individual capacitors and complete kits. They provide fast delivery and cater to both the general

Ireland's Capacitor Market Report 2025

In 2024, after three years of decline, there was significant growth in the Irish capacitor market, when its value increased by 69% to \$47M. Overall, consumption, however, continues to

18 Supercapacitor Manufacturers in 2026

What Is a Supercapacitor? A supercapacitor, surpassing traditional capacitors in capacitance, serves as a high-efficiency energy storage device. It utilizes the electrical double layer formation between

Coalition looks to lure new generation of chip-makers to

Semiconductors have been produced in the Republic since the 1970s when Analog Devices opened a factory in Limerick. The industry

Company Profile

Taiwan Zhifengwei Technology Co., Ltd., based in Hsinchu, Taiwan, China, is a high-tech firm specializing in supercapacitor R& D, production, and sales.

Top 15 Capacitor Manufacturers in Ireland (2026) | ensun

Discover all relevant Capacitor Manufacturers in Ireland, including Capital Switchgear and CAPCON

Irish Super Smart Capacitor Factory

1F Super Capacitor, 5.5V Super capacitors are perfect for applications where the capacity of a standard electrolytic capacitor is too small and a rechargeable battery is bigger than needed.

25 years of excellence: Hitachi Energy's smart capacitor factory

Over the past 25 years, the Xi'an factory has been at the forefront of advancing capacitor and power quality technologies in China, participating in over 30 domestic and international ultra-high

Film Capacitor Solutions: High Rel & Power Electronics

Precision-engineered film capacitors for high-reliability power electronics. European-based service with engineering excellence. AS9100 certified.

List of capacitor manufacturers

This is a list of known capacitor manufacturers, their headquarters country of origin, and year founded. The oldest capacitor companies were founded over 100 years ago. Most older companies were

"Fifteen million billion operations a second": Ireland

The national high-performance computing system, CASPIr, will be operated by the University of Galway's Irish Centre for High-End Computing

Top Semiconductor Companies Based in Ireland | IDA

Advanced Micro Devices " (AMD) Irish site, formerly operated by Xilinx, was first established in 1994 with a focus on manufacturing, operations support,

Electronic Concepts, Inc. (ECI) Distributor | Capacitors, Filters | IBS ...

Electronic Concepts specializes in high-performance film capacitors, offering a comprehensive portfolio that ranges from compact chip-sized designs to large custom-built capacitor assemblies for

Contact Us

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