

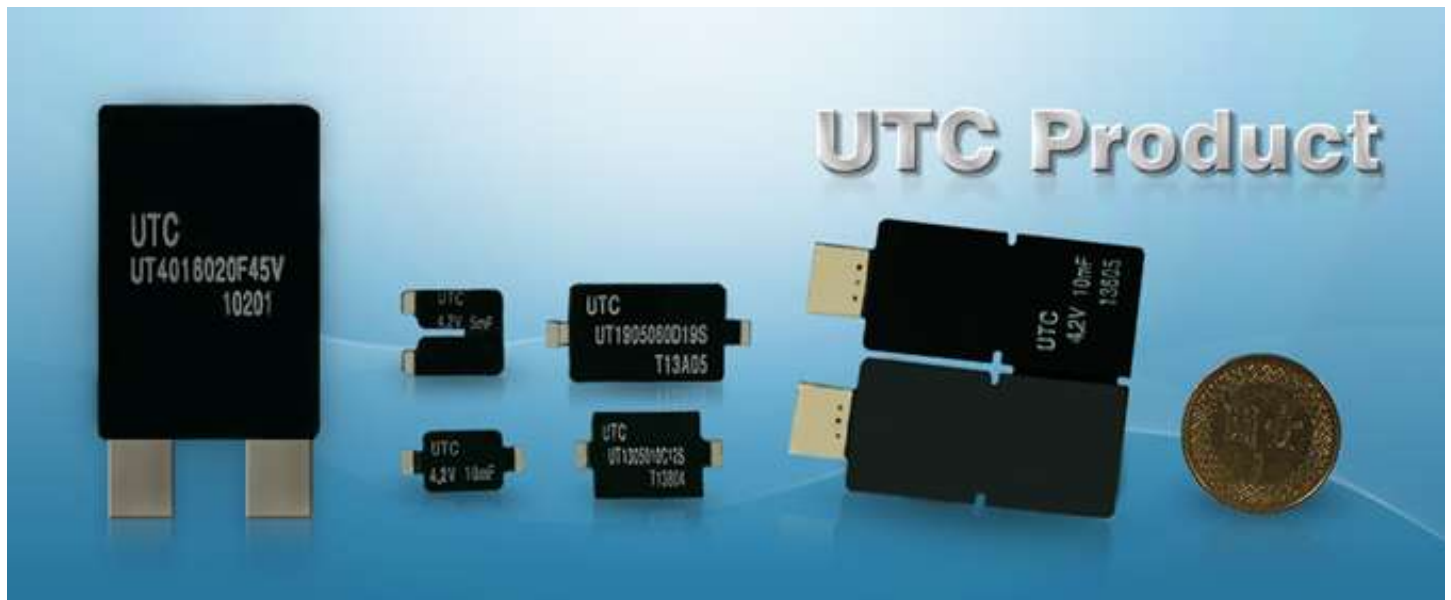
UltraCap Technologies Corp



UTC, the Ultracapacitor Technologies Company was formed in Taiwan in 1997. UTC is a green energy company specializing in the developing and manufacturing of the mixed metal-oxide based Ultracapacitor.

Their unique technology which utilises metal oxide deposited on titanium substrate and sealed with a polymer between electrodes, offers many benefits such as:

- Small size from 9.6 x 7.5mm
- Possibly lowest profile in the market to date from 0.2mm
- Wide voltage range 3.3 – 16.8V
- Wide Temperature range -40°C +70°C
- Full discharge cycle 10 Million +
- Rugged product – Shock strength 50,000g
- ISO 9000 / RoHS Compliant



This Low ESR stable technology does not require balancing circuits and is probably the **lowest cost** and **lowest profile** ultracapacitor available today.

Typical applications include replacing banks of electrolytics and tantalums for pulse management within solid state drives, solenoids, energy harvesting sensor networks and communication.

Product Range

UltraSLIM type-1515 Op. Voltage: 3V Capacitance: 2~6mF Dim.: 15x15x0.25mm For: Beacon 、 Smart card 、 Token	 World Thinnest only 0.25mm
UltraSLIM type-3333 Op. Voltage: 3V Capacitance: 20~50mF Dim.: 33x33x0.3mm For: Smart Device 、 Power Battery	
StackChip type-0907 Op. Voltage: 4V-6V Capacitance: 5~10mF Dim.: 9x7x1.0mm For: RFID 、 Smart AMR 、 IoT device	
StackChip type-1310 Op. Voltage: 4V-12V Capacitance: 5~20mF Dim.: 13x10x1.0~2.5mm For: WiFi Dongle 、 AMR 、 POS 、 IoT	

	StackChip type-1912 Op. Voltage: 4V-12V Capacitance: 5~35mF Dim.: 19x12x1.0~2.5mm For: SSD/PLP 、 LED driver 、 AMR 、 Handheld Device 、 Actuator
	PowerChip type-4026 Op. Voltage: 9V-15V Capacitance: 10~60mF Dim.: 40x26x2.0~5.0mm For: Power Tool 、 Drone 、 Automotive Booster 、 UPS 、 Robotic apparatus 、 Energy Harvest
	PowerChip type-7070 Op. Voltage: 12V-15V Capacitance: 40~120mF Dim.: 70x70x4.0~5.0mm For: Automotive Booster 、 UPS/GenStart 、 Robotic Apparatus 、 Energy Harvest

Part Number System

For example, UT1304030C13S

UT	13	04	030	C	13	S
UltraCap	Body Size 13 = 13mm x 10mm	Nominal Voltage 04 = 4.2V	Capacitance code 030 = 30mF	Package C = 1310	Thickness 13 = 1.3mm	Lead Format S = SMD

Broadband Technology 2000 Ltd Product Areas

Semiconductors <ul style="list-style-type: none"> Mixed Signal IC's Powerline Communications RF Interface Mixed Signal Active Filter 	Wireless/M2M <ul style="list-style-type: none"> Antennae GSM, GPRS & 3G Modems 3G Routers 3G & GPRS Gateways 4G/LTE GPS Tracking Units RF Cables Connectors 	Sensors <ul style="list-style-type: none"> MEMS Accelerometers MEMS Magnetic Sensors MEMS Gyroscopes MEMS Pressure Sensors RF Microwave <ul style="list-style-type: none"> Amplifiers Attenuators Switches 	Power <ul style="list-style-type: none"> Super Capacitors Power Modules Solid State Batteries Interconnect <ul style="list-style-type: none"> Magnetics Cable Assembly Connectors 	Internet of Things <ul style="list-style-type: none"> Powerline Communications -Narrow & Broadband
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