

Avnet Asia Connect

May 2024

Advances in Charging Infrastructure Drive the Rise of Green Mobility



Riding on the wave of green mobility, electric vehicles (EVs) are winning over drivers with their zero-emission, low-noise, and high-efficiency features. Advances in charging infrastructure, EVs' "energy supply station", are directly related to the market growth of the vehicle of the future.

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Power Integrations



InnoSwitch™ and LinkSwitch™ IC Families

Power For Automotive Applications

Power Integrations' latest automotive technology for battery, converter, charger and inverter applications.

[Learn more](#)

Solutions



6.6KW SiC High Power Density Bidirectional DC-DC Solution

In the domain of power conversion systems (PCS), the quest for efficiency and power density reigns supreme, one such ground-breaking innovation is Avnet's 6.6KW SiC High Power Density Bidirectional DC-DC Solution.

[Learn more](#)



T55 Polymer Surface-Mount Chip Capacitors: Ultra low ESR, 100 % surge current tested



Sustainable technology - EV infrastructure

Avnet together with the leading suppliers bring you the best EV infrastructure products.



Amphenol
Mini HSBridge+



Belfuse
Power supply for charging station



Bourns
SM91534AL series high creepage transformer



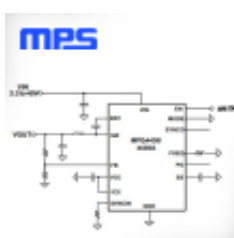
ECS
32.768 kHz Tuning fork crystal



Microchip
Microchip FPGAs in automotive



Molex
EV charging infrastructure



MPS
MPQ4436-AEC1



Nordic
nRF9160 SiP, nRF9161 SiP, nRF9151 SiP, nRF9131 mini SiP



onsemi
efuse NIV3071



Panasonic
HE-R relay



Rohm
ROHM's latest DC/DC converter for automotive



Samtec
mPOWER@ 2.00 mm pitch ultra micro power system



SCHURTER
Chip from high breaking capacity



STMicroelectronics
SR5E1Exxx MCU



TDK
Key components in EV



Toshiba
buck-automotive DC-DC converter



Vishay
48 V, 100 A eFuse

Avnet Market Express Edge-AI Semiconductor Technology and Trend Webinar

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Singapore Expo, Hall 4, Booth #413-10. May 29 - 31



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