

## Beyond SiC: The Quiet Achievers in EVs



Riding the unstoppable wave of green travel, electric vehicles (EVs) are rapidly gaining popularity as an eco-friendly mode of transportation. However, for EVs to realize their full market potential, efficient and reliable charging infrastructure is crucial.

[Learn more](#)

## Solutions



### 99.2% efficiency power supply solution

SiC high power density 3.3KW bidirectional PFC, A bridgeless totem-pole power factor corrector (PFC) for greater energy conversion efficiency, flexibility and endless applications.

[Learn more](#)

## ELITESIC FOR EV CHARGING STATIONS

Extending range, improving efficiency, enhancing acceleration

### Events

- ▶ Infineon Zero Emission in Commercial Vehicles Whitepaper
- ▶ Empowering IoT with Avnet, AWS & Microchip Webinar

## Sustainable technology -Passive and interconnect components for EVcharging

Avnet together with the leading suppliers bring you the best Sustainable technology- Passive and interconnect components for EVcharging products.



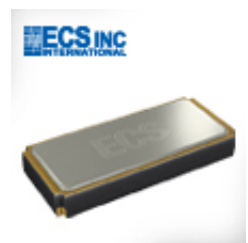
**Amphenol**  
EnergyKlip EV series connector



**Belfuse**  
Fuse 0ALF series:  
700A-800A/800V DC



**Bourns**  
High current shielded SMD power inductors



**ECS**  
32.768 kHz Tuning fork crystal



**MPS**  
Battery monitors & protectors



**Murata**  
Murata Isolated gate driver



**Nordic**  
nRF54L15



**Panasonic**  
Varistors D type E series / E-S1 series



**Samtec**  
mPOWER® 2.00 mm Pitch ultra micro power system



**TDK**  
TDK varistors in SMD design with high surge current capability



**Toshiba**  
TRSxxx120Hx Series



**Transcend**  
Transcend's M.2 SSD MTE5601



**Western Digital**  
PC SN500S NVMe® internal SSD

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