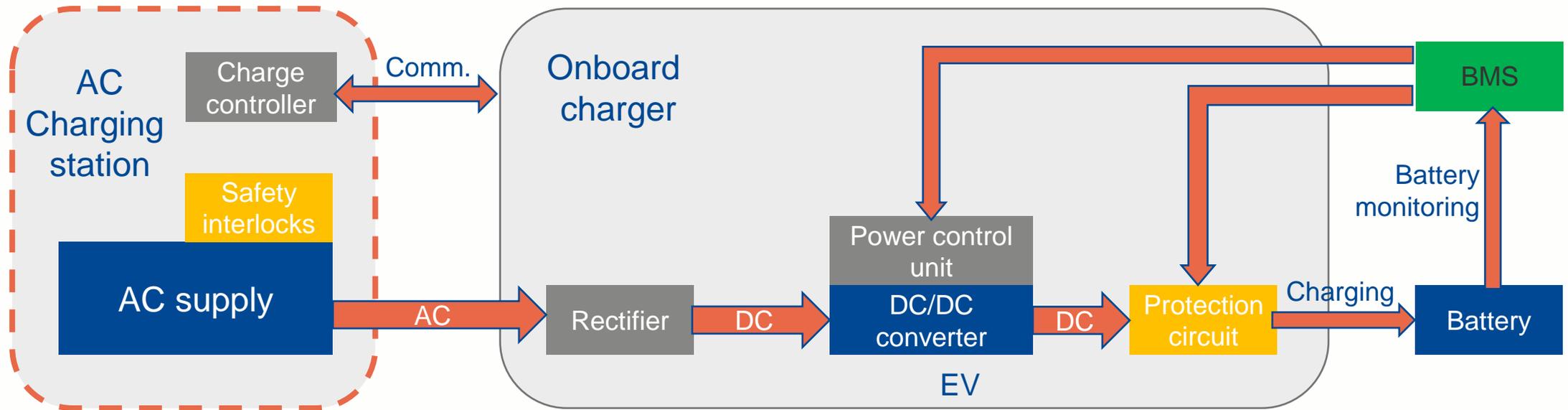


AC and DC Charging Stations

YAGEO Passives solutions

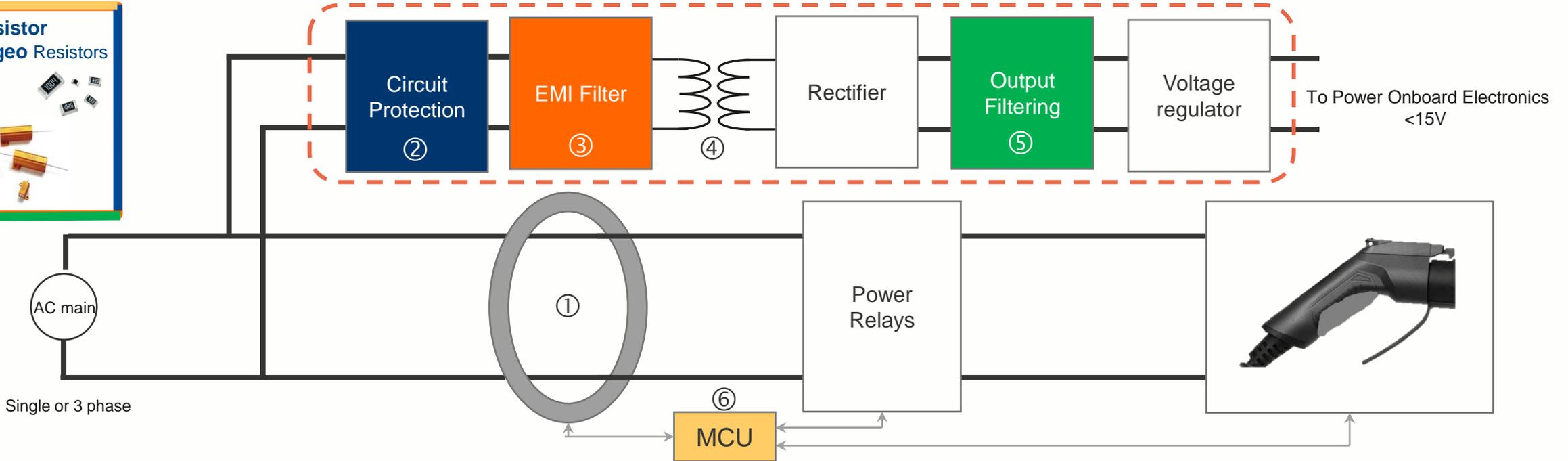
AC Charging Schematic



EVSE (Electric Vehicle Supply Equipment)

Block Diagram (mode 2 and mode 3)

Isolated Power Supply



RCD Sensors ①

FG-R05-*A

FG-R01-*A

FG-R02-*A

TVS ②

ESD

NTC & PPTC

MOV

SMD Varistors

CMC ③

SSH B Dual mode

SSRH

Ceramics

C700

CAS

Film

X2 : R46, R52, F862V054, SMP253

Y2: R41T

Transformers – Pulse Electronics ④

⑤

SMD V-Chip Electrolytic / Polymer – KO capacitors

MLCC SMD AUTO / X7R / U2J

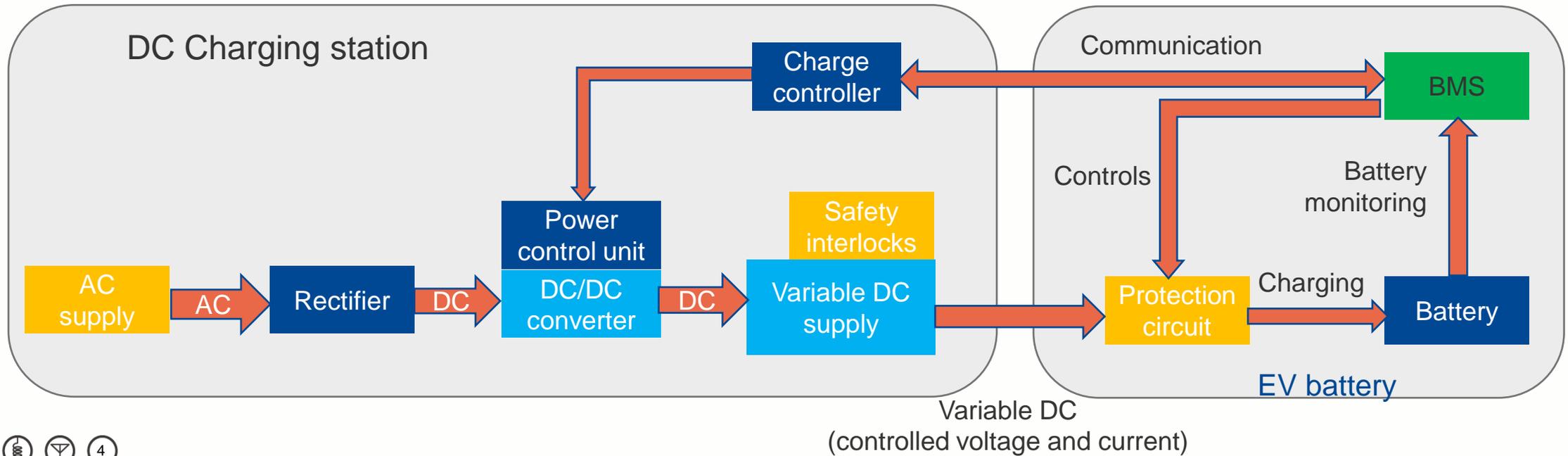
⑥

MPX Power Inductor

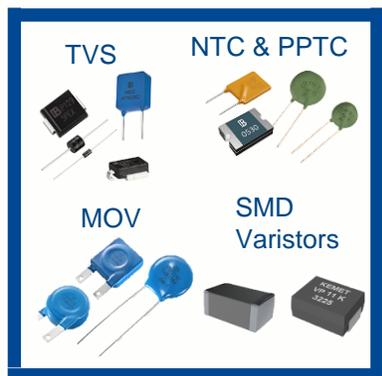
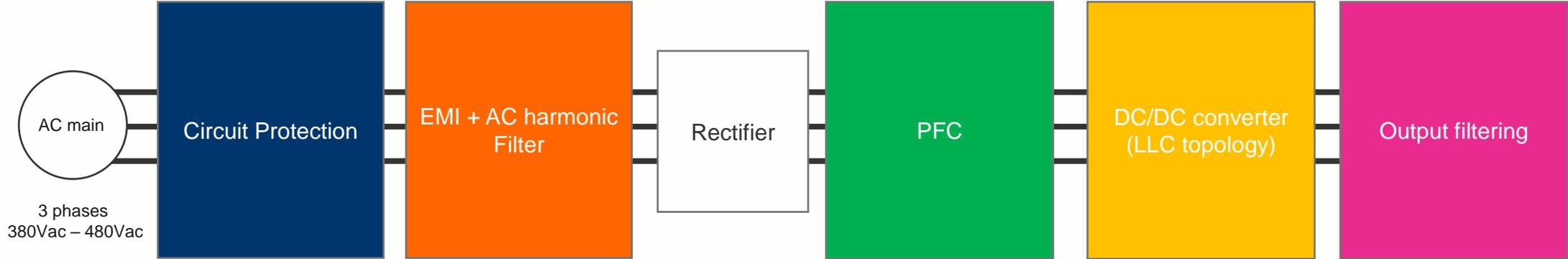
SMD V-Chip Electrolytic / Polymer – KO capacitors

MLCC SMD AUTO / X7R / U2J

DC Charging Stations



Power Conversion Top Level Components



Thank you!



KEMET
a YAGEO company