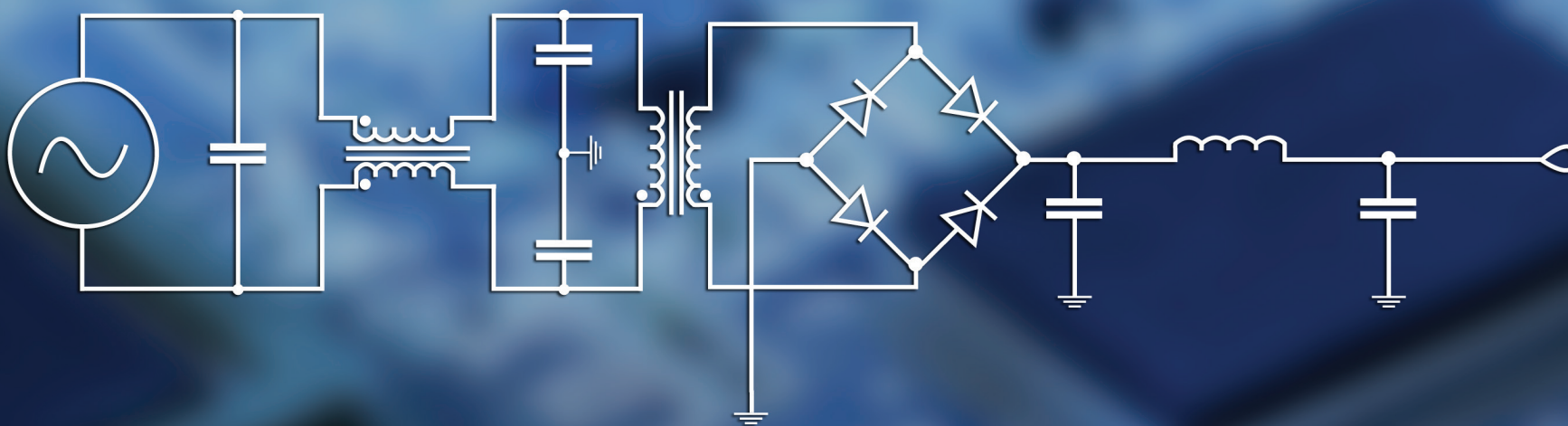




应用指南

基美让一切变为可能。

Electronic Components

KEMET

CHARGED.®

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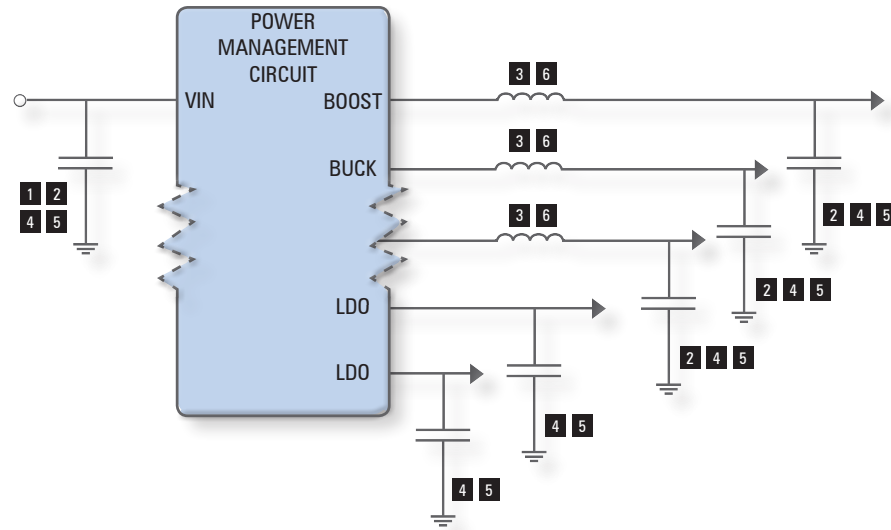
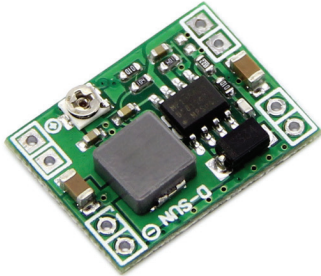
为何选择基美

基美电子公司是全球领先的电子元器件供应商。我们为客户提供业界最为广泛的电容器产品，以及电磁类产品、电磁兼容解决方案和超级电容器产品。我们的愿景是成为最受欢迎的电子元器件解决方案供应商，满足客户对产品质量，交期和服务的最高标准。

低压和直流应用



直流电源分布



- 1 SMT ALUMINUM ELECTROLYTIC**
A750, A765, EDH, EDK, EEV, EXV



- 2 KO-CAP®**
T520, T521, T530



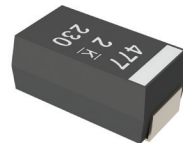
- 3 POWER INDUCTOR**
MPC, CPI, HDI, PLC, SBC



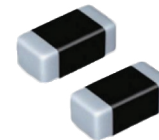
- 4 MLCC**
X7R, X5R



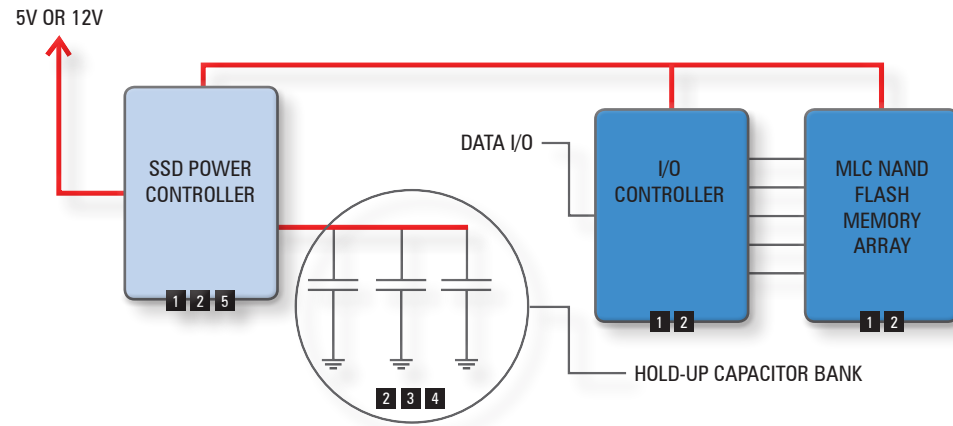
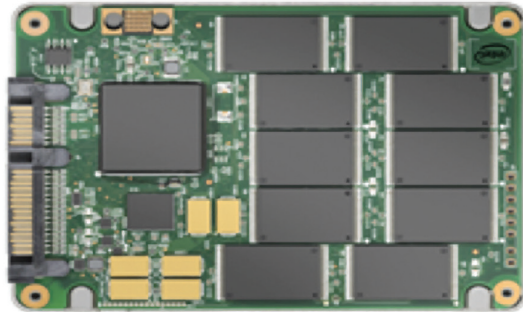
- 5 ALUMINUM POLYMER**
A700, A720



- 6 CHIP INDUCTORS**
PWS, PWI, PWR, PWF



固态硬盘 (SSD)



1 MLCC
X7R, X5R



2 KO-CAP
T545



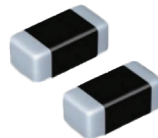
3 RADIAL ALUMINUM ELECTROLYTICS
A765, ESK, ESH, ESC, ESG



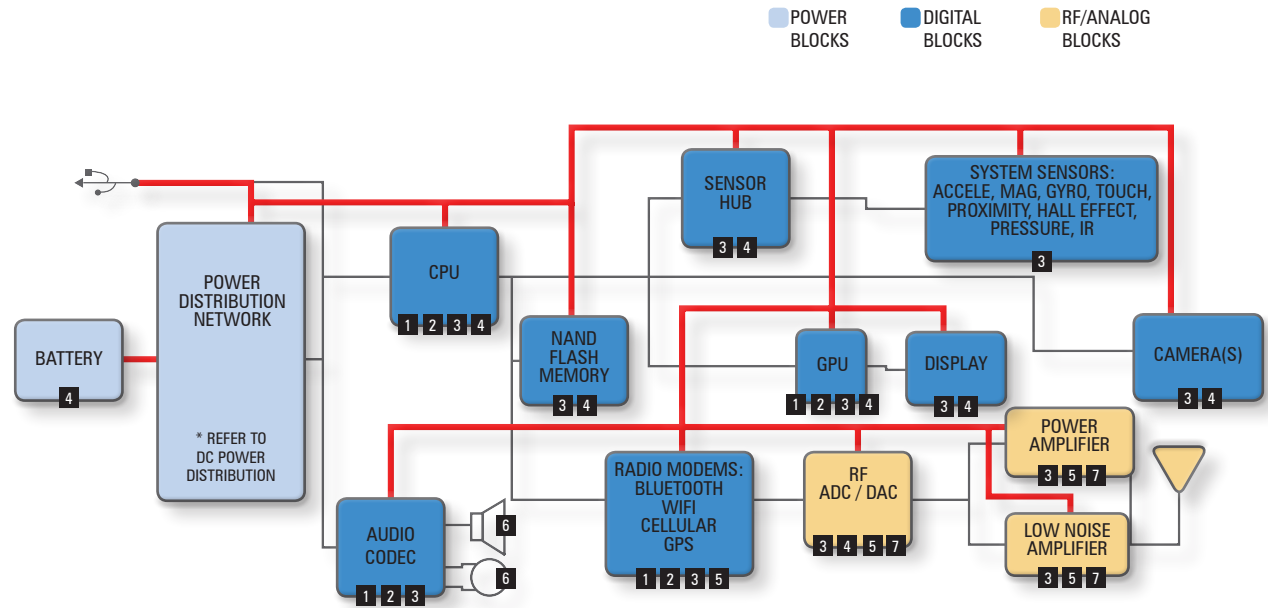
4 RADIAL SUPERCAPACITORS
HVZ SERIES



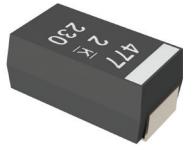
5 INDUCTORS
PWS, PWI, PWR, PWF



智能手机/平板电脑



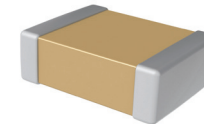
1 ALUMINUM POLYMER
A700, A720



2 KO-CAP
T520, T528, T521, T529



3 MLCC
COG, X7R, X5R



4 FLEX SUPPRESSOR
EFH, EFG, EFF



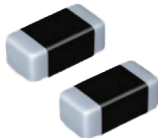
5 RF MLCC
CBR



6 ACOUSTIC MODULE
MINIATURE ACUTATOR Rxx



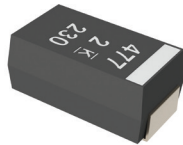
7 CHIP INDUCTORS
RMS



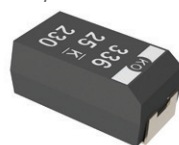
A black laptop computer is shown from a three-quarter perspective, angled towards the left. The screen is open and displays a blue gradient background with a white wavy line. The keyboard is visible, and the laptop has a sleek, modern design. The background is white.



A700, A720



T520, T528, T521, T529



ESD



EFH, EFG, EFF



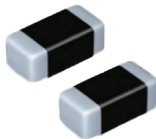
COG, X7R, X5R



A758, A765, EDH, EDK

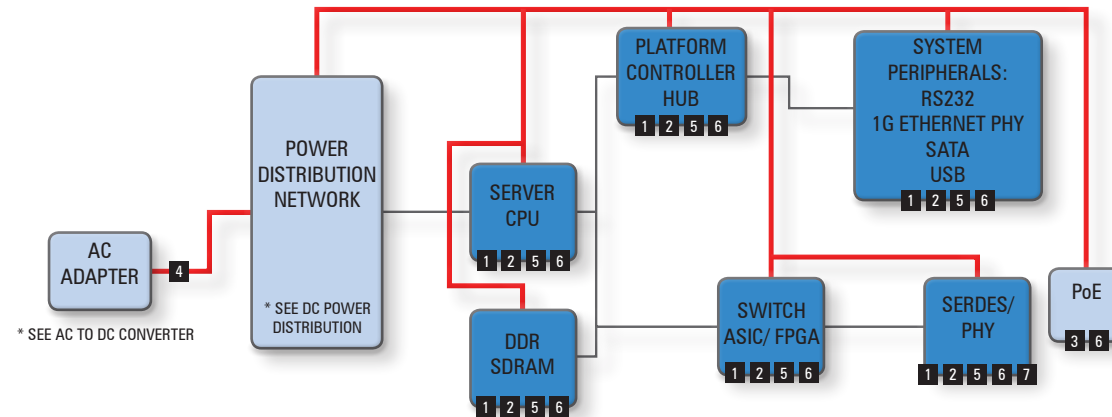


PWS, PWI, PWR, PWF

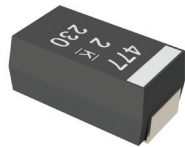


网络交换设备

POWER BLOCKS DIGITAL BLOCKS



1 ALUMINUM POLYMER A700, A720



2 KO-CAP T520, T521, T530



3 CURRENT SENSOR MDCS



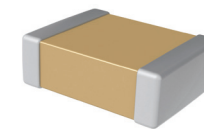
4 EMI CORE ESD



5 FLEX SUPPRESSOR EFH, EFG, EFF



6 MLCC X7R, COG, X5R



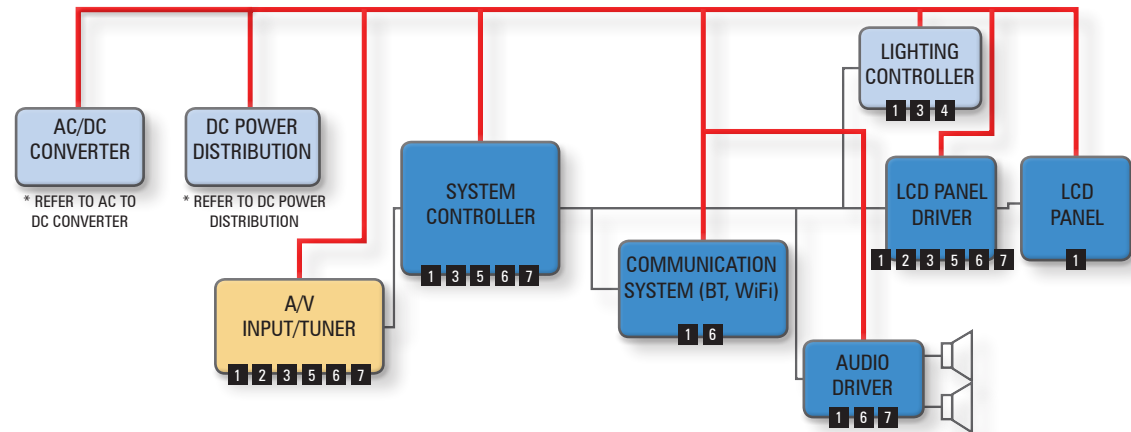
7 SIGNAL RELAY UB2, UD2



平板电视



POWER BLOCKS DIGITAL BLOCKS RF/ANALOG BLOCKS



1 MLCC
X7R, X5R



2 CHIP FILTER
M-500CT, M-600T



3 KO-CAP
T520, T521



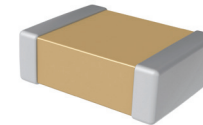
4 POWER INDUCTOR
MPC, CPI, HDI, PLC, SBS



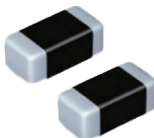
5 FLEX SUPPRESSOR
EFH, EFG, EFF



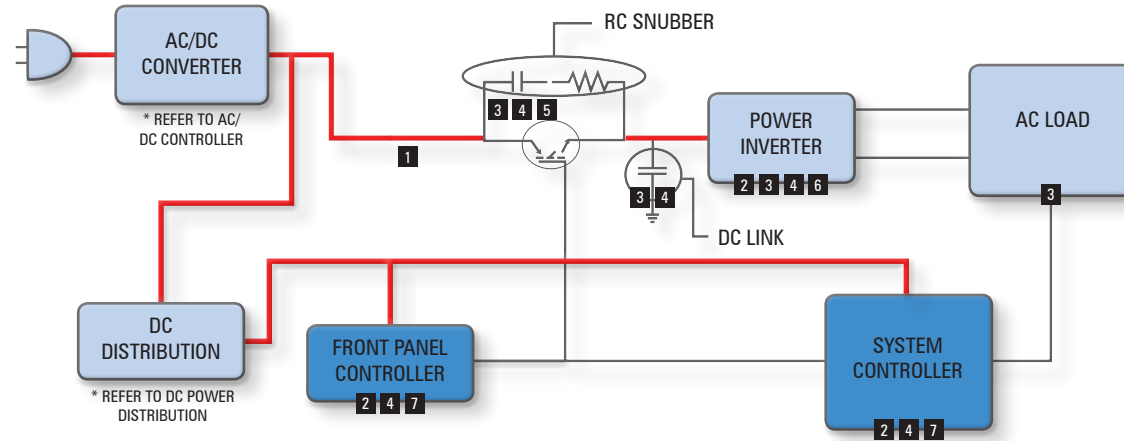
6 MLCC
COG



7 INDUCTORS
PWS, PWI, PWR, PWF



高效能家电



1 EMI CORE ESD



2 ALUMINUM ELECTROLYTIC ALC10, ALC40, EDH, ESK, ELH



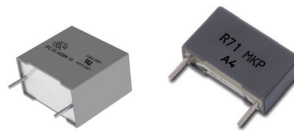
3 FILM C4AE



4 MLCC C0G, X7R, X5R



5 FILM OR RC SNUBBER R71, R73, R76, C4AS, F43



6 KO-CAP T520, T521

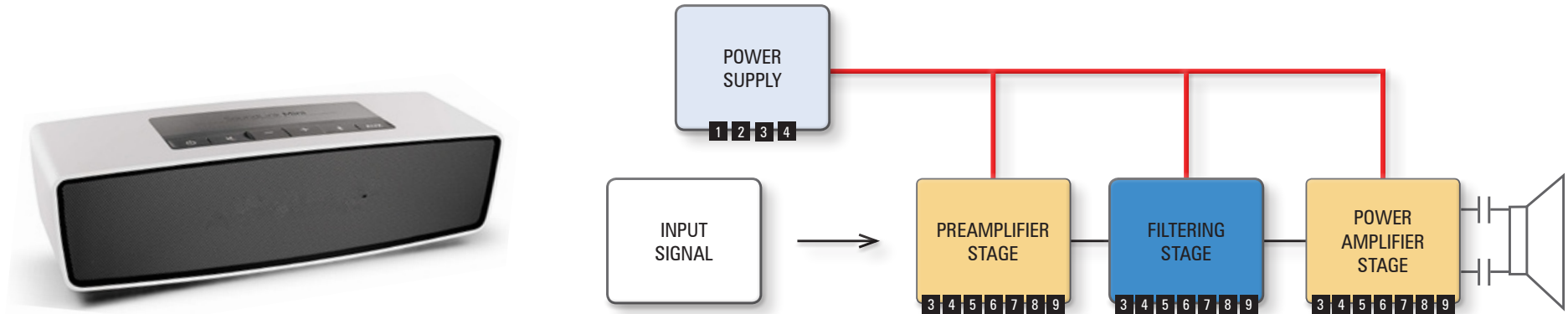


7 RADIAL SUPERCAPACITOR FG, FE, FM, FR



音频设备

POWER BLOCKS DIGITAL BLOCKS ANALOG BLOCKS



1 MLCC
X7R, X5R



2 KO-CAP
T520, T521, T530



3 SMT ALUMINUM ELECTROLYTIC
EDH, EDK, EEV, EXV



4 POWER INDUCTOR
MPC, CPI, HDI, PLC, MPL, MPLC, MPGH



5 LEADED CERAMIC
Goldmax



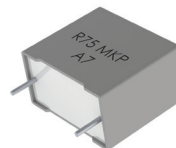
6 LEADED FILM
A50



7 CLASS I MLCC
U2J, C0G



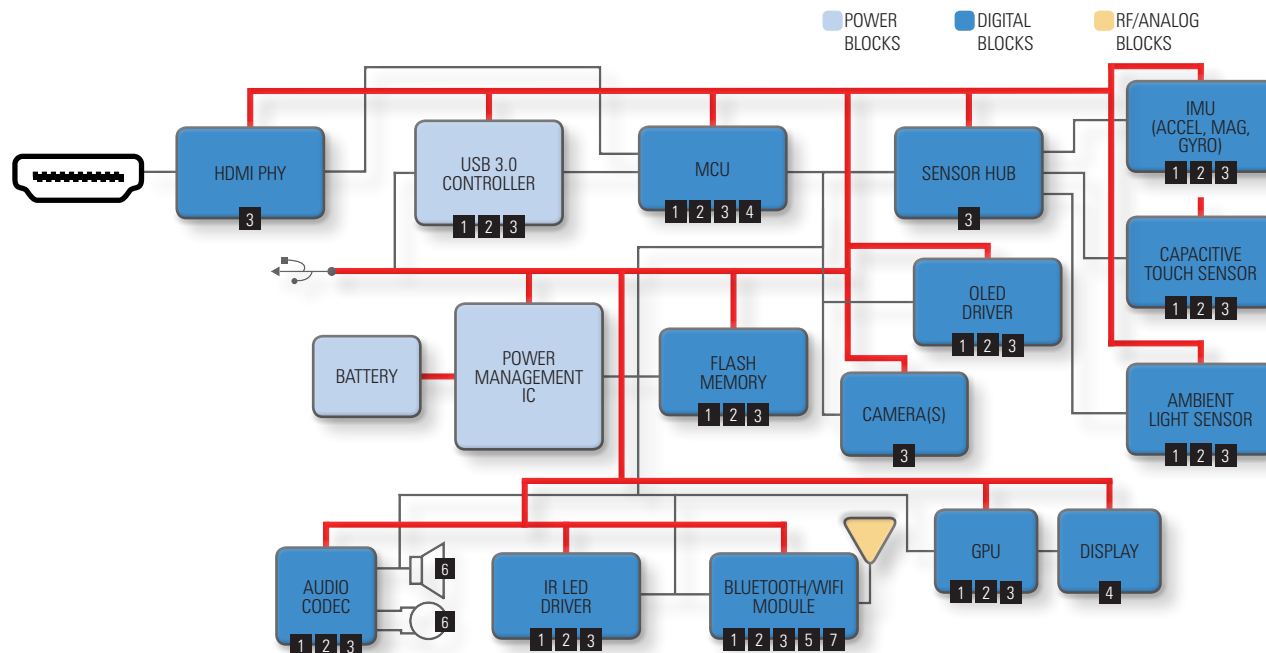
8 POLYPROPYLENE FILM
R75



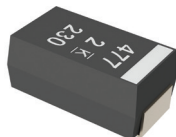
9 LEADED INDUCTOR
SBC, SBCP



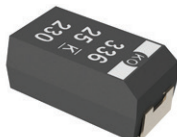
AR/VR头戴式装置



1 ALUMINUM POLYMER
A700, A720



2 KO-CAP
T520, T528, T521, T529



3 MLCC
COG, X7R, X5R



4 FLEX SUPPRESSOR
EFH, EFG, EFF



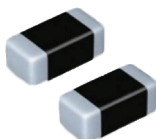
5 RF MLCC
CBR



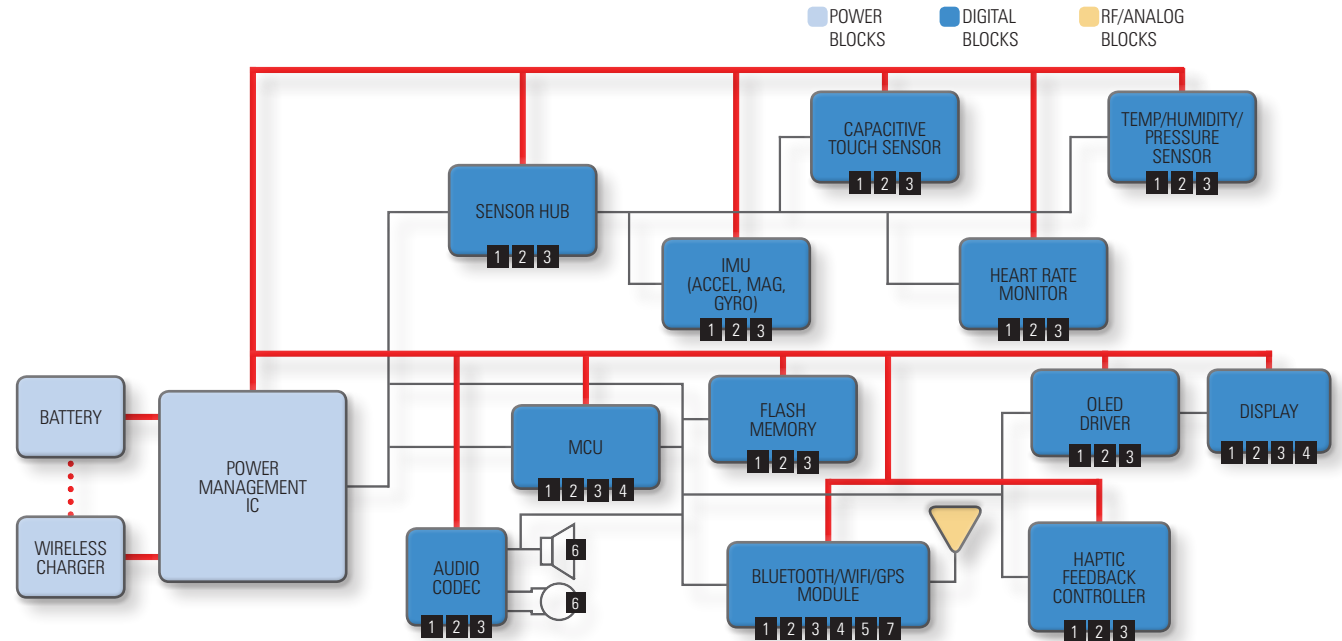
6 ACOUSTIC MODULE
MINIATURE ACUTATOR Rxx



7 CHIP INDUCTORS
RMS



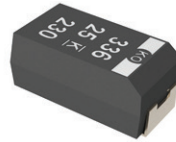
可穿戴设备/IOT



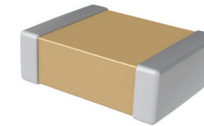
1 ALUMINUM POLYMER
A700, A720



2 KO-CAP
T520, T528, T521, T529



3 MLCC
COG, X7R, X5R



4 FLEX SUPPRESSOR
EFH, EFG, EFF



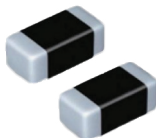
5 RF MLCC
CBR



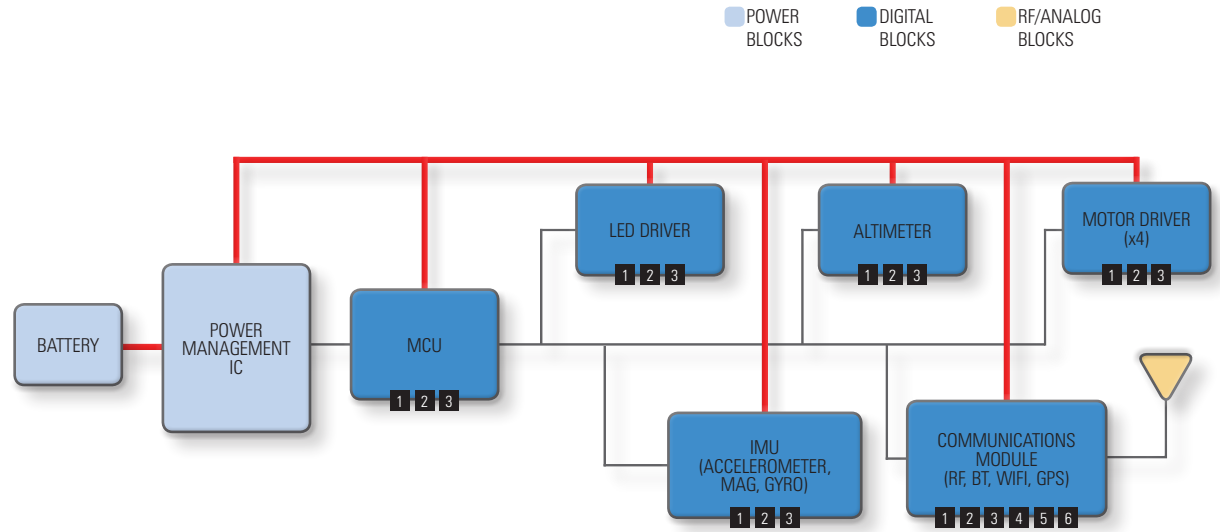
6 ACOUSTIC MODULE
MINIATURE ACUTATOR Rxx



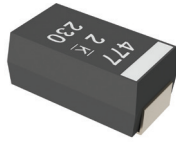
7 CHIP INDUCTORS
RMS



无人机



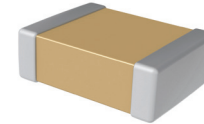
1 ALUMINUM POLYMER
A700, A720



2 KO-CAP
T520, T528, T521, T529



3 MLCC
C0G, X7R, X5R



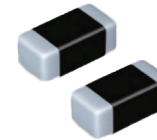
4 FLEX SUPPRESSOR
EFH, EFG, EFF



5 RF MLCC
CBR



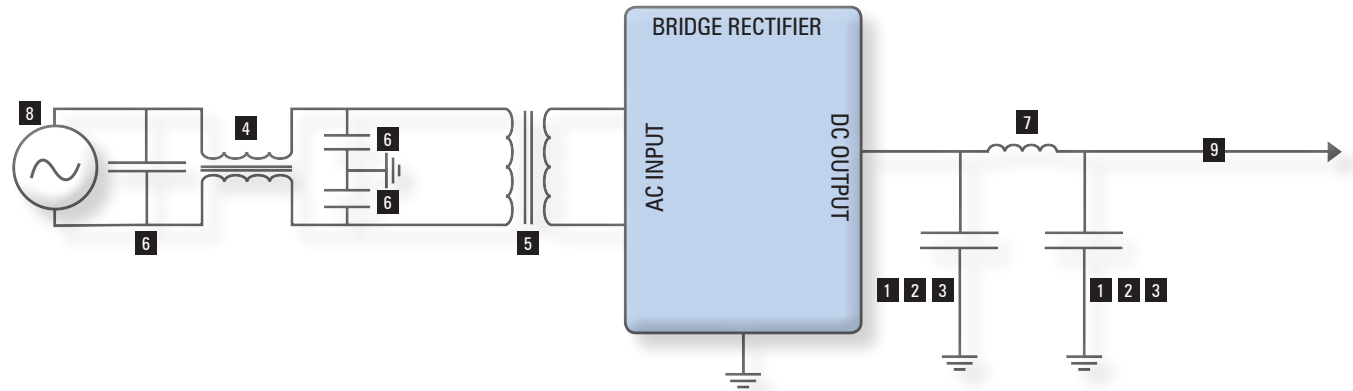
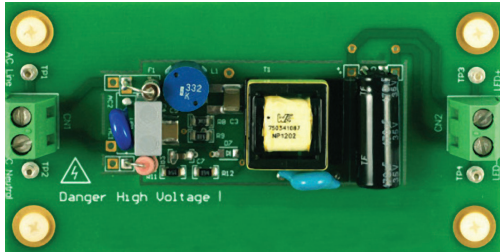
6 CHIP INDUCTORS
RMS





交流和功率应用

交流到直流转换器



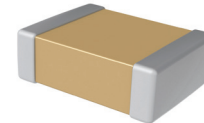
- 1 ALUMINUM ELECTROLYTIC**
ALC10, ALC40, ALS30, EDH, EDK



- 2 KO-CAP**
T520, T521, T530



- 3 MLCC**
X7R, X5R



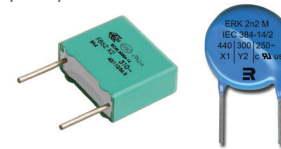
- 4 AC LINE FILTER**
SS, SU, SC



- 5 TRANSFORMER**
EB



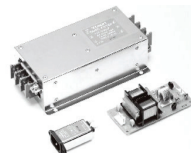
- 6 X/Y SAFETY CAP**
C900, R46, R47



- 7 POWER INDUCTOR**
MPC, CPI, HDI, PLC, MPL, MPLC, MPGH



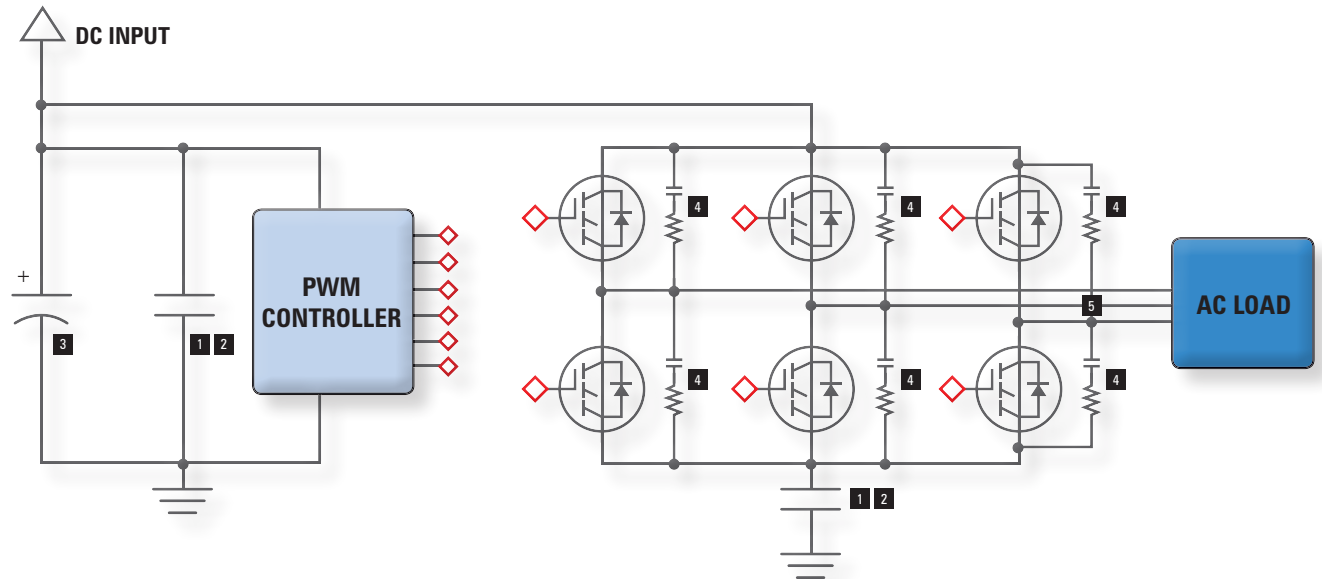
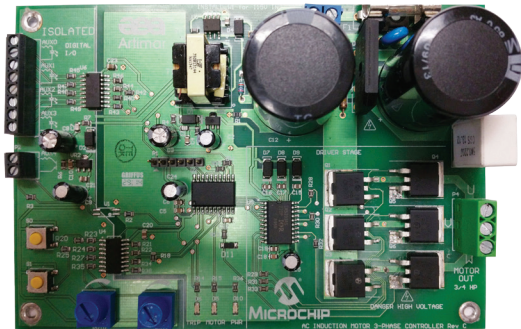
- 8 FB INLET FILTER**
GL-C, GL-FVP, GL-H, GL-M, DECTRON FB



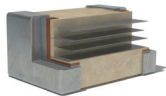
- 9 EMI CORE**
ESD



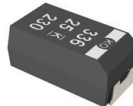
H-桥逆变器



1 CERAMIC
X7R, X5R



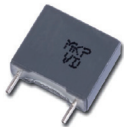
2 KO-CAP
T520, T521



3 POWER FILM
C44H, C44P



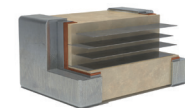
4 PULSE CAPS
R71, R76



5 CURRENT SENSOR
CT



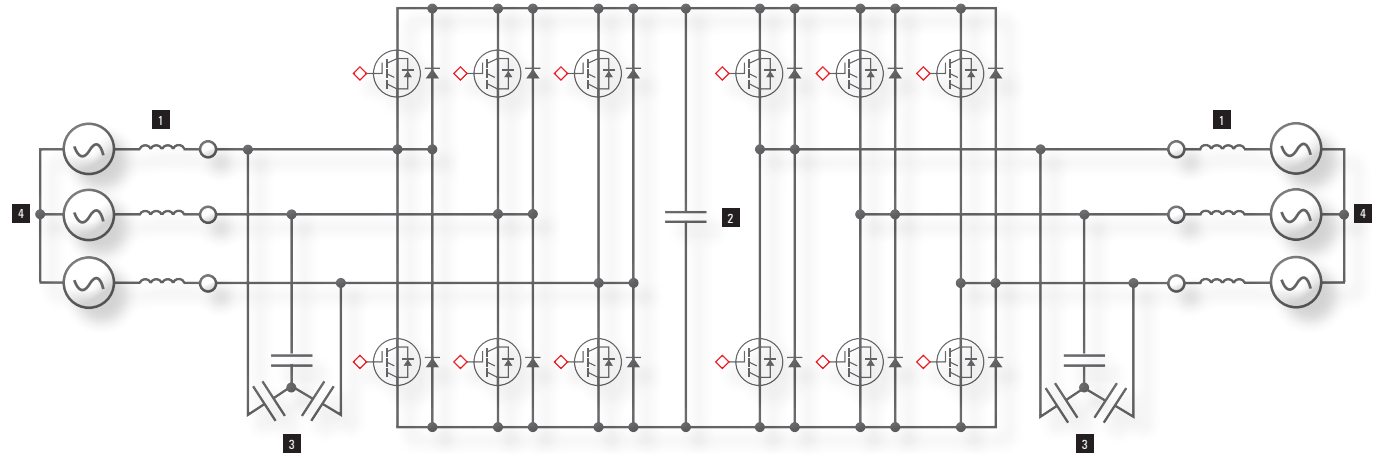
6 CERAMIC
HV COG



7 ALUMINUM ELECTROLYTIC
ALC10, ALC40, ALS30, EDH, EDK



变频器



1 AC INDUCTOR
FELCO



2 DC LINK
C4AE



3 POWER FILM
C44H, C44P



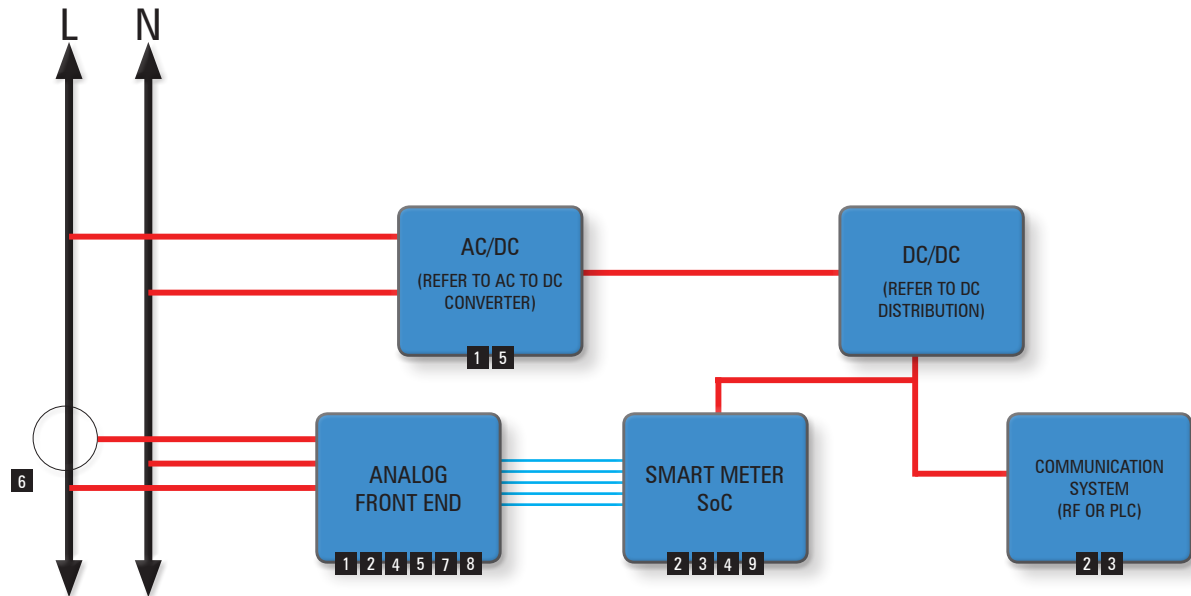
4 CURRENT SENSOR
CT



5 ALUMINUM ELECTROLYTIC
ALC10, ALC40, ALS30, ALS60



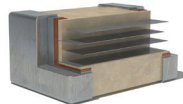
智能仪表



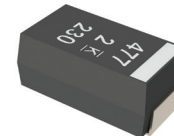
1 VARISTOR
VP



2 CERAMIC
X7R, X5R, COG, CBR



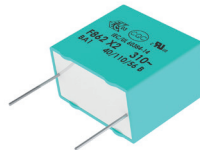
3 POLYMER
A700, T520, T521



4 SMT ALUMINUM ELECTROLYTIC
A750, A765, EDH, EDK, EEV, EXV



5 FILM
F862



6 CURRENT SENSOR
CT



7 POWER INDUCTOR
MPCx



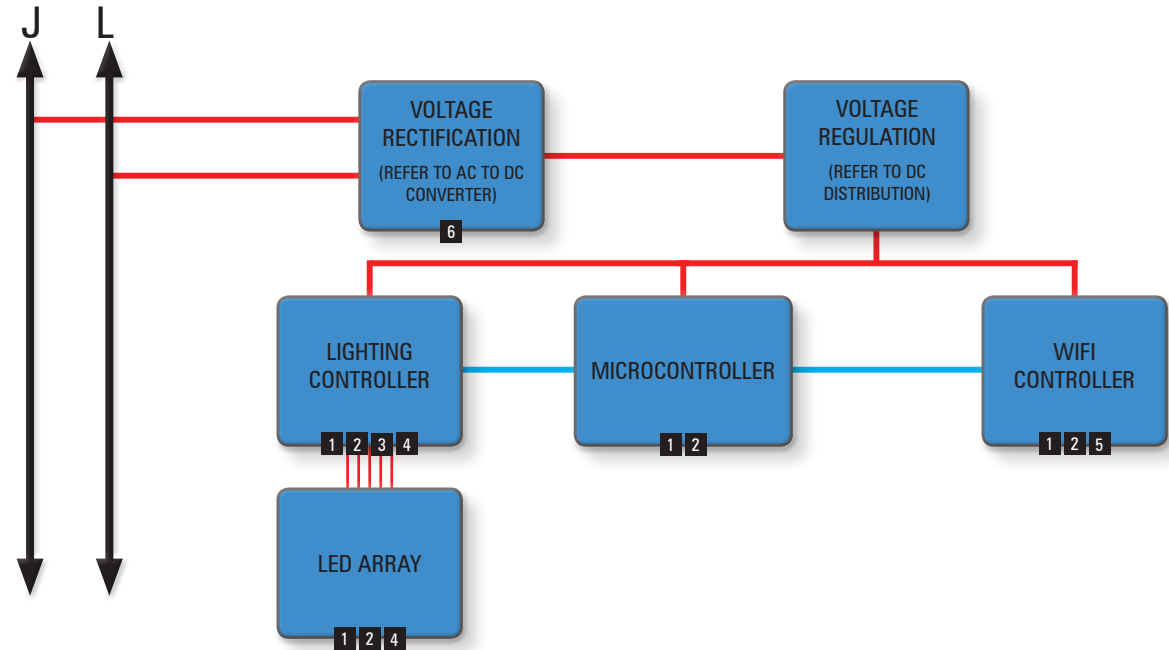
8 COMMON MODE CHOKE
SS, SC, SCR



9 SUPERCAPACITOR
HVZ



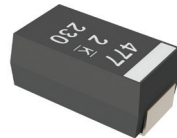
智能照明



- 1 MLCC**
X7R, X5R, U2J, C0G, CBR



- 2 POLYMER**
A700, A720, A750, T520, T521



- 3 ELECTROLYTIC**
ESK, ESE, ESH, EDH



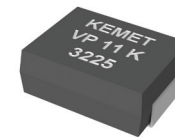
- 4 POWER INDUCTOR**
SBC, MPCH, MPLGC



- 5 FLEX SUPPRESSOR**
EFX, EFH



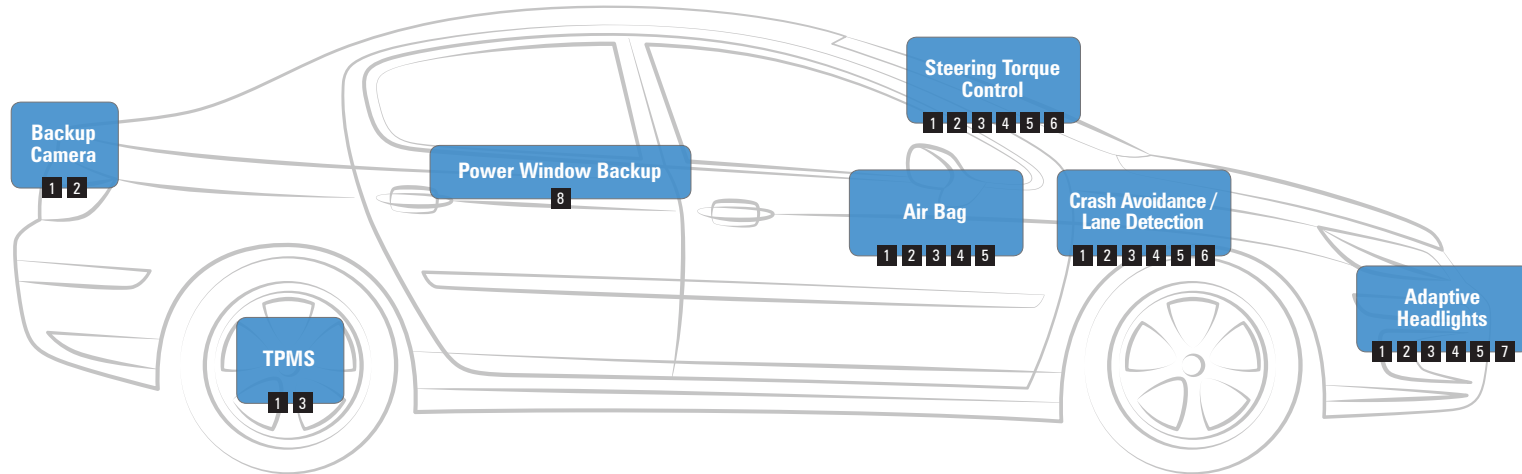
- 6 VARISTORS**
VP, VE



An aerial, top-down view of a parking lot filled with several cars. The cars are arranged in a somewhat grid-like pattern, though some are angled. The image is monochromatic, with a dark blue tint. The cars vary in size and shape, including sedans and SUVs. The text '汽车应用' is centered over the middle of the image.

汽车应用

汽车：安全性



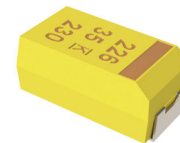
- 1 MLCC**
COG, X7R, X5R



- 2 KO-CAP**
T591, T598



- 3 TANTALUM MnO₂**
T491, T495, T498



- 4 SNAP-IN ALUMINUM ELECTROLYTIC**
ALC10S



- 5 POWER INDUCTOR**
DPCV



- 6 TOROIDIAL COIL**
HHBC, PHBC



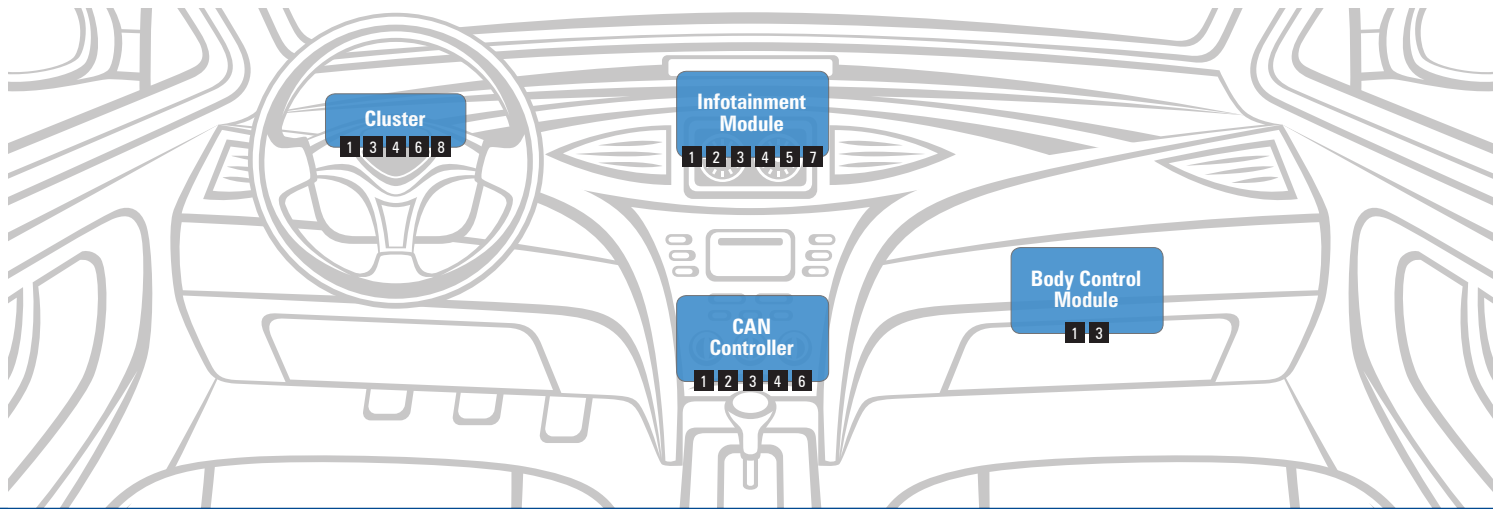
- 7 FILM CAPACITOR**
F161, SMC, SPC



- 8 SUPERCAPACITOR**
FE, FG



汽车：娱乐信息/控制



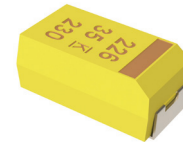
- 1 MLCC**
COG, X7R, X5R



- 2 KO-CAP**
T591, T598



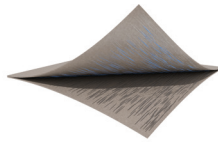
- 3 TANTALUM MnO₂**
T491, T495, T498



- 4 ALUMINUM ELECTROLYTIC**
A765, EDH, EDK, ESK, ESH



- 5 FLEX SUPPRESSOR**
EF



- 6 POWER INDUCTOR**
DPCV



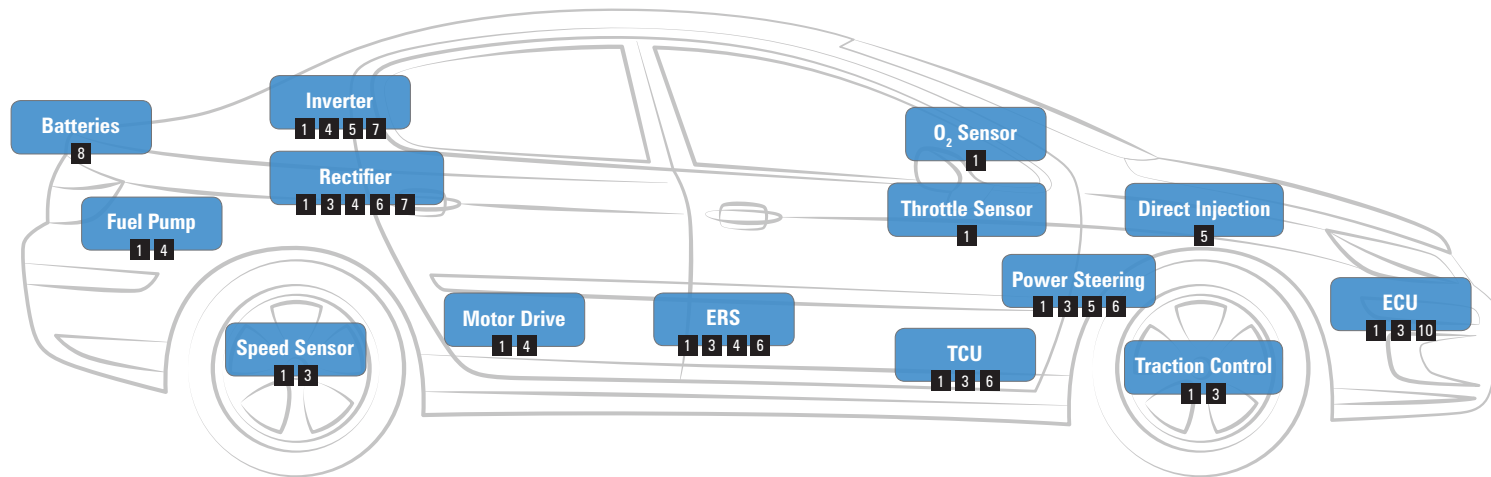
- 7 TORODIAL COIL**
HHBC, PHBC



- 8 EMI CORE**
ESD



汽车：动力总成



1 MLCC
COG, X7R, X5R



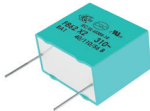
2 KO-CAP
T591, T598



3 TANTALUM MnO₂
T491, T495, T498



4 FILM CAPACITOR
C4AE, F862, SMC, SPC



5 AXIAL ALUMINUM ELECTROLYTIC
PEG225, PEG126, PEH226



6 POWER INDUCTOR
DPCV



7 TRANSFORMER
CUSTOM



8 TOROIDAL COIL
HHBC, PHBC



9 AC LINE FILTER
SS, SU, SC



10 EMI CORE
ESD





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