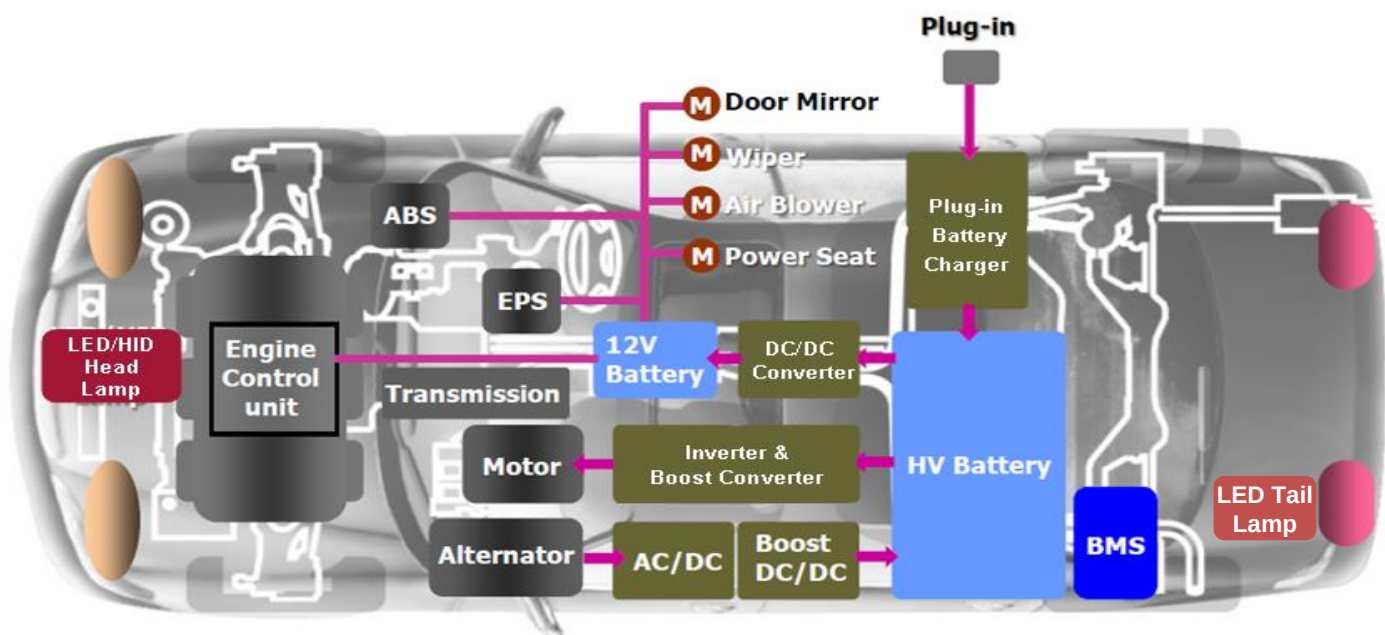
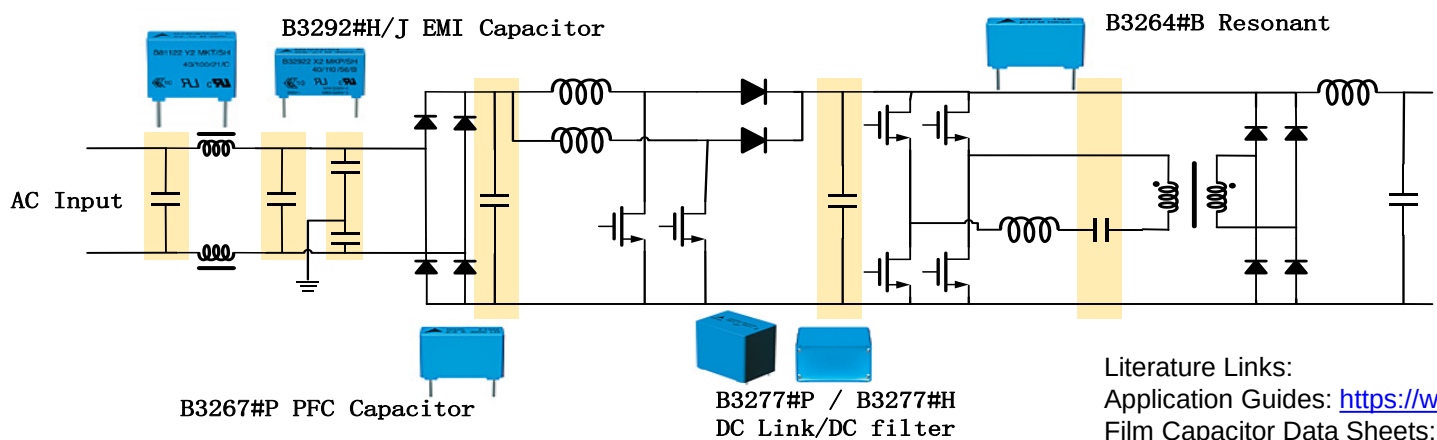


Film Capacitor Application for Transportation



Example: On-Board Charger



On-Board Charger	Traction Inverter	DC-DC Converter	Off-Board Charger	HVAC	Small Motors	Electric Power Steering	Wireless Charging	Keyless Entry
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EMI-Filtering								
X2 - B3292#H/J*	305 Vac - 0.1 ... 15 μ F	●			●	●		●
X1 - B3291#A/B6*	550 Vac - 4.7 nF ... 1 μ F			●				
Y2 - B3203*	350 Vac - 4.7 nF ... 1.2 μ F	●	●	●	●			●
Y1 - B81123*	500 Vac - 1 ... 10 nF			●				
DC-Link/DC-Filtering								
High Humidity - B3277#H*	450... 1600 Vdc - 0.33... 120 μ F	●	●	●	●			●
High Temperature - B3277#P*	630... 840 Vdc - 1... 50 μ F	●	●	●	●			
High Power - B3267*	300... 875 Vdc - 0.47... 270 μ F	●	●	●	●			●
AC-Filtering								
MKP - B3275*	250... 400 Vac - 1... 50 μ F	●	●		●			
Resonant/Snubber								
MMKP - B3264*	400... 2000 Vdc - 2.2 ... 560 nF	●	●	●				●
MKP - B3265*	250... 2000 Vdc - 1 nf... 40 μ F	●	●	●	●			●
MKP - B3267#L*	250... 2000 Vdc - 1 nF... 1 μ F	●	●	●	●			●
General Purpose MKT								
MKT Boxed - B3252*				●		●	●	
PFC								
MKP - B3267#Z*	450... 630 Vdc - 0.01... 22 μ F	●			●	●		
MKP - B3267#P*	450... 630 Vdc - 0.068... 2.2 μ F	●			●	●		

Literature Links:
Application Guides: <https://www.tdk-electronics.tdk.com/en/180380/tech-library/publications/application-guides>
Film Capacitor Data Sheets: <https://www.tdk-electronics.tdk.com/en/529492/products/product-catalog/film-capacitors>