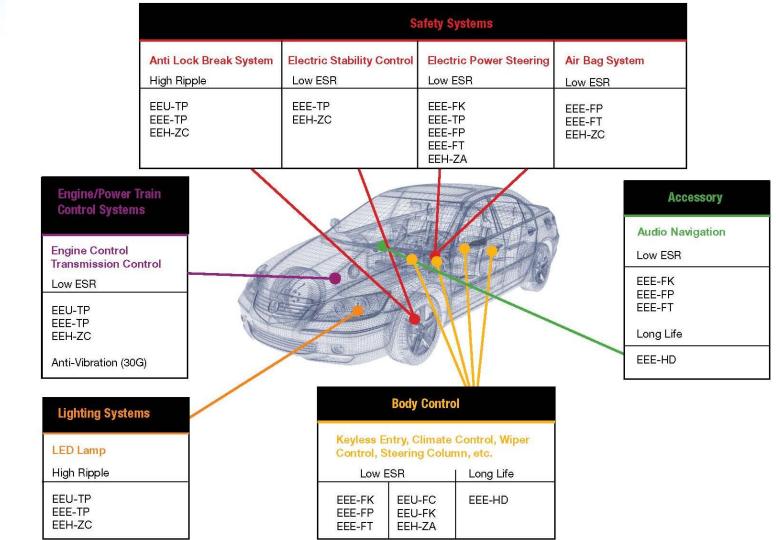


# Capacitors for Automotive Technology

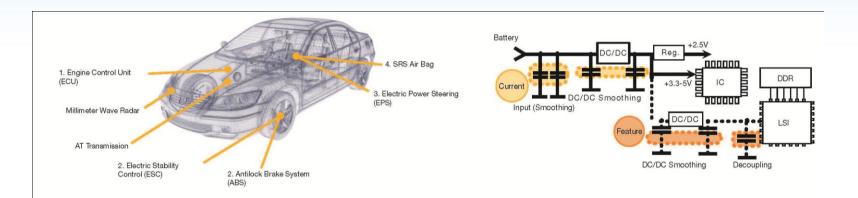
### **Automotive Capacitor Applications**







#### Capacitors for Running and Safety Control Systems

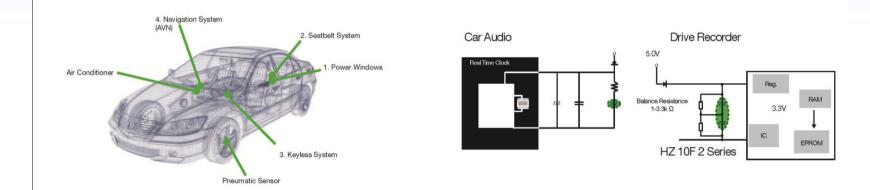


<b>Capacitors for Running and Safety Control Systems</b>										
Series		EEU	EEE	EEE	EEH	ECQ-E				
		TP/TQ	FK/FT/FP	TP	ZA (Hybrid)					
Features		High Temp	Low ESR	High Temp./ Low ESR	High Temp./ Ultra Low ESR	Miniaturization				
Application		Smoothness	Miniaturization/ Power Saving	Miniaturization/ Power Saving	Ultra Min./ Power Saving	Common Usage				
Circuit	1. Engine Control Unit		•	•	•					
	2. Antilock Brake System Electric Stability Control	•	•	•	•					
	3. Electric Power Steering									
	4. Airbag		•							
	Other					•				





#### Capacitors for Body and Information Systems



Capacitors for Body and Information Systems											
Series		EEU	EEE	EEH	ECH	ECQ-E	EEC	EEF			
		FC/FK	FK/FT/FP	ZA (Hybrid)	HU (Chip)		RF/RG/HZ	CD/CX			
Features		Low Impedance	Low Impedance	High Temp./ Low ESR	Miniaturization	Miniaturization		Low ESR			
Application		Smoothing	Low Profile/ Power Saving	Miniaturization/ Power Saving	Miniaturization/ Resonance	Common Usage	Back-Up	Smoothing/ Noise			
Circuit	1. Door cont.		•	•							
	2. Other cont. (Light, Mirror)		•	٠							
	3. Keyless		•		•						
	4. Audio	•	•		•		(Stack)	۲			
	Other		•			•	(Radial)				







## Capacitors for Automotive Technology

For Product Details Visit www.panasonic.com/industrial