

Power MOS FET

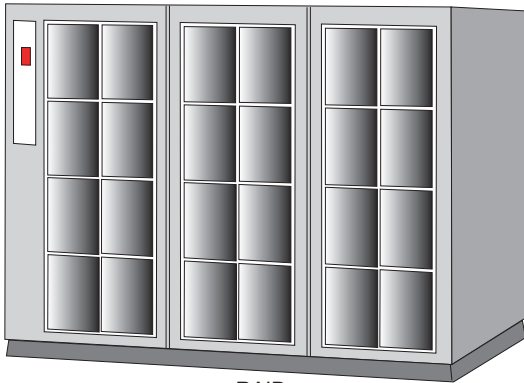
Applications

R07ZZ0006EJ0200
 (Previous: REJ27G0013-0100)
 Rev.2.00
 Aug 18, 2014

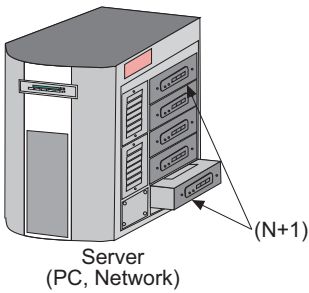
1. Power Supply Applications

1.1 Switching Power Supplies

- Application equipment
 Network servers, WS (workstations), RAID



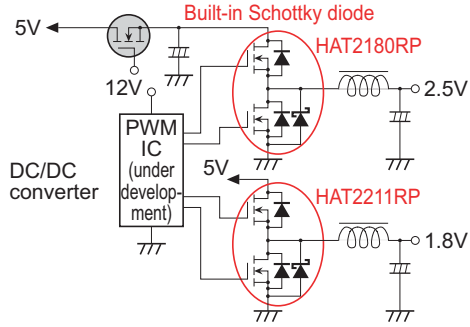
RAID



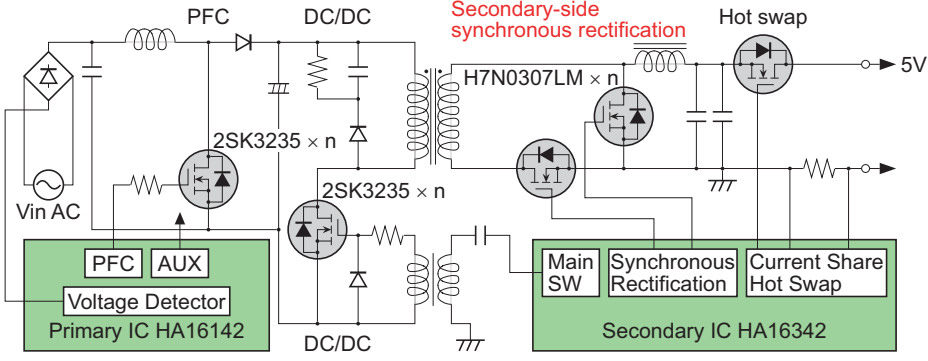
Server
(PC, Network)

Application	MOS FET	Control IC
PFC	500V	HA16142
PFC+PWM		HA16158*
DC/DC	500V	HA16341
Secondary-side synchronous rectification	30 to 60V	HA16342
Hot swap	20 to 30V	
VRM	20 to 30V	—

* : Under development

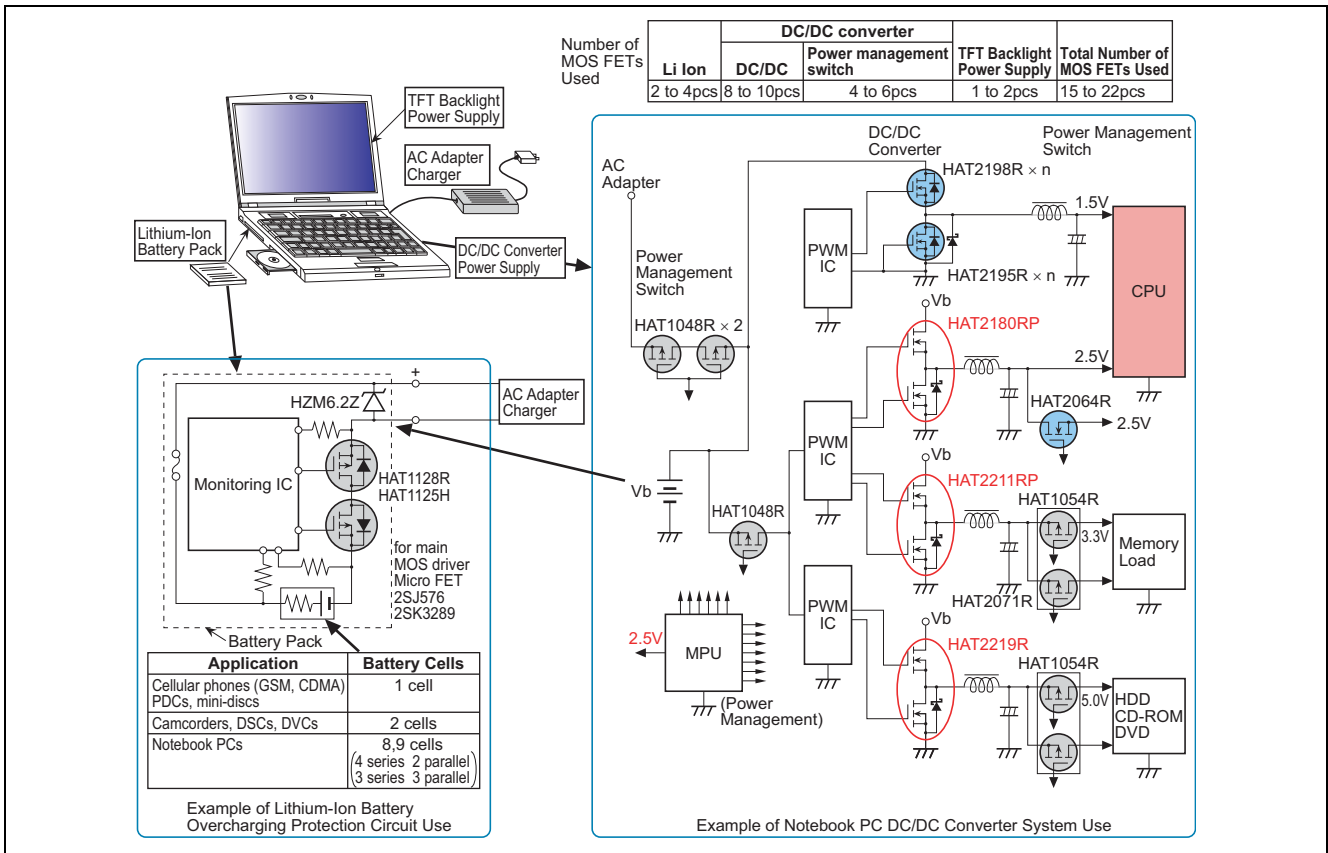


DC/DC converter



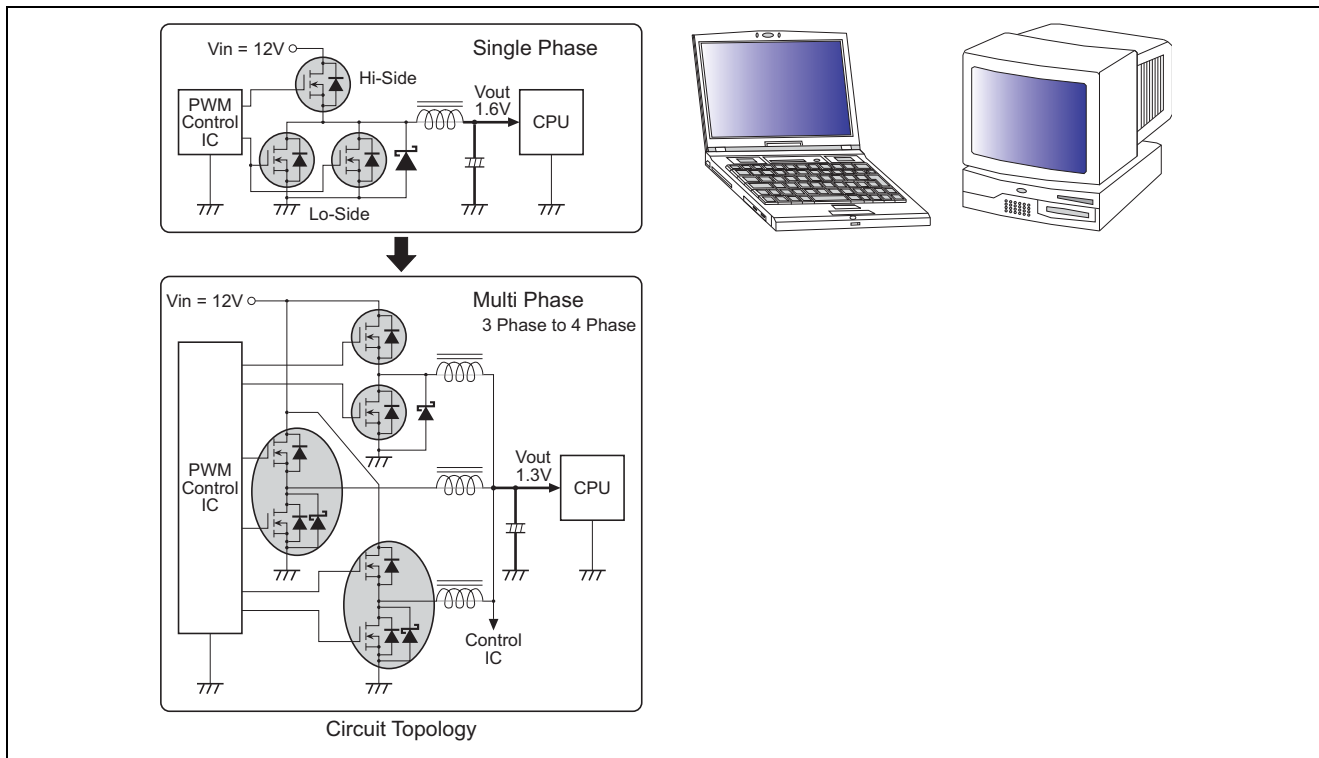
1.2 DC/DC Converters

- Application equipment
 Notebook PCs, VCR cameras, on-board power supply secondary side, lithium-ion battery pack overcharging protection

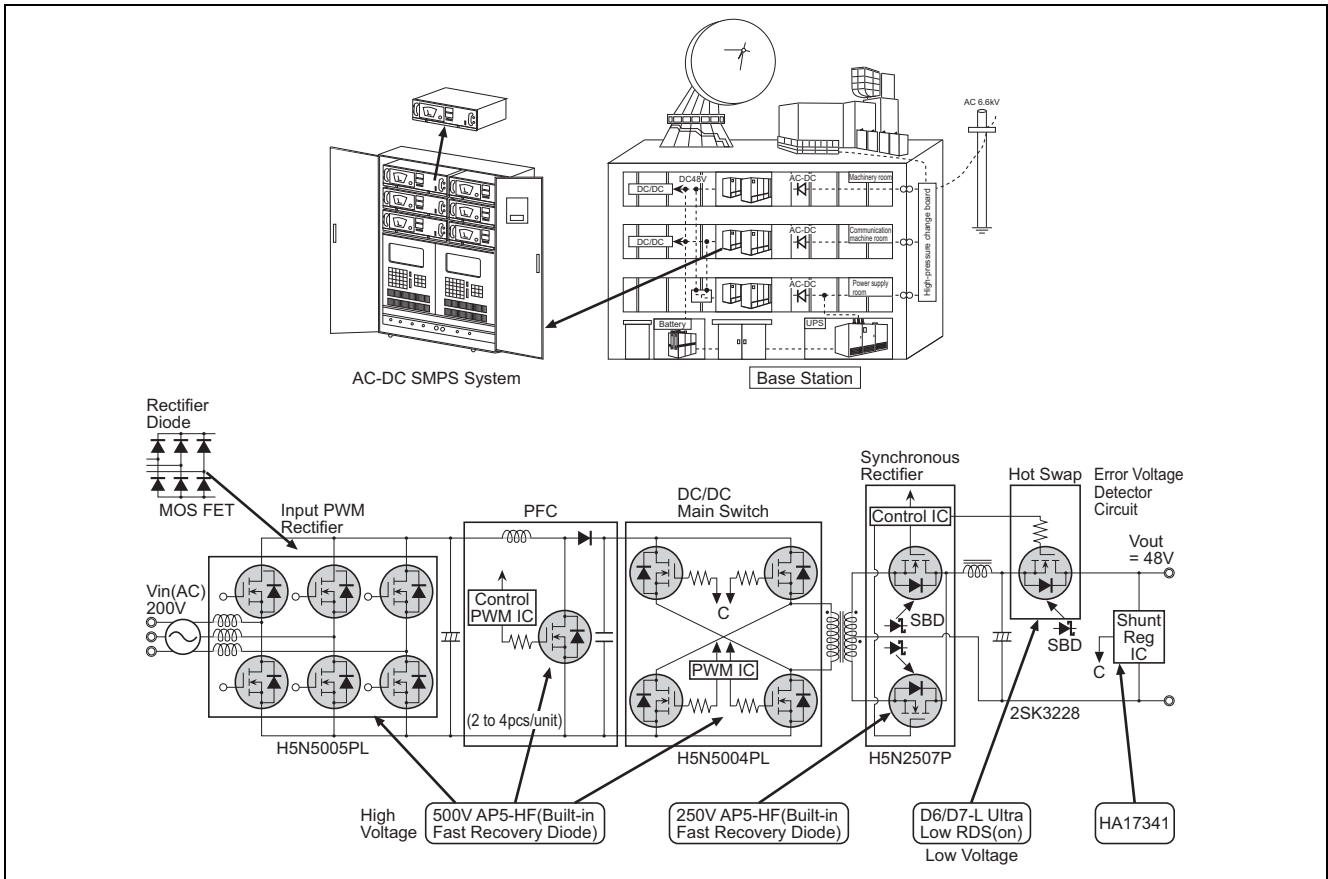


1.3 VRM (Voltage Regulator Module)

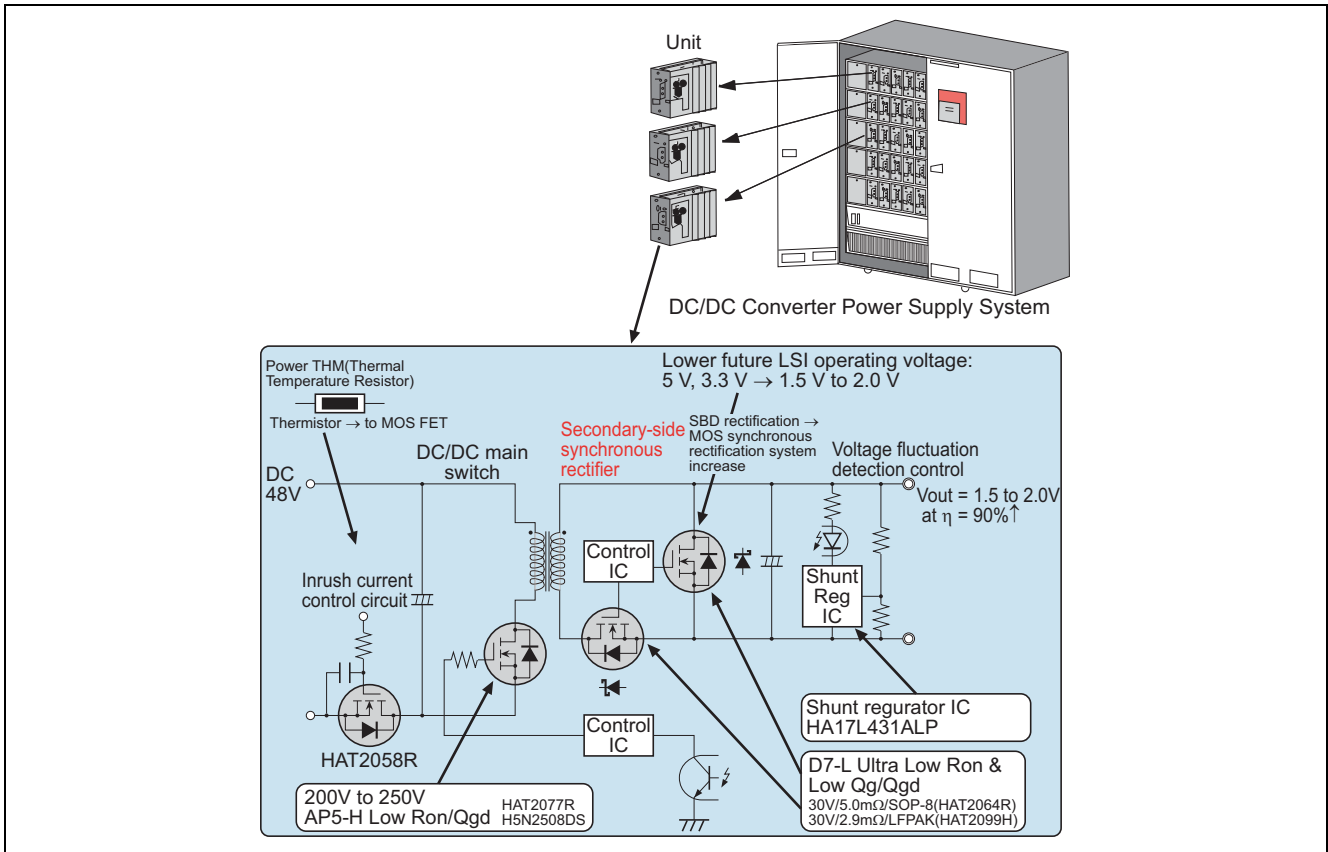
- Application equipment
Desktop PCs, notebook PCs, network servers, WS (workstations)



1.4 Base Station SMPS (Switch-Mode Power Supply)

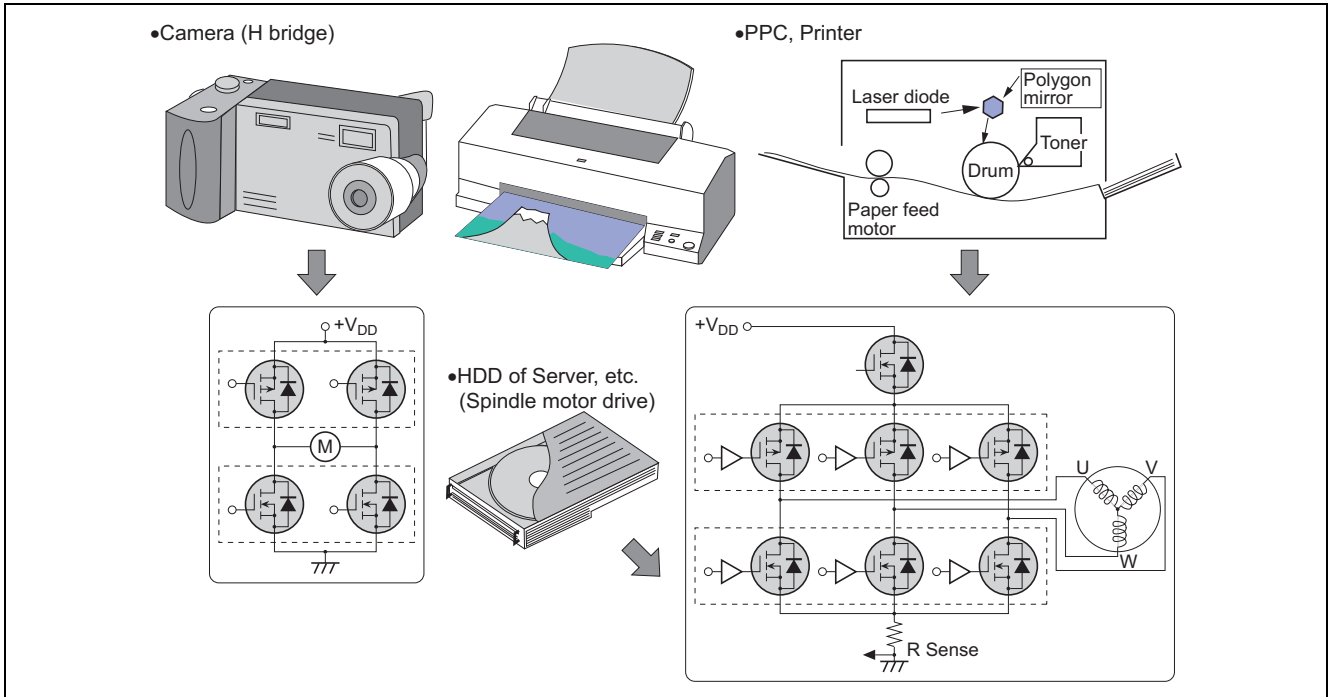


1.5 Communication Equipment DC/DC Converter

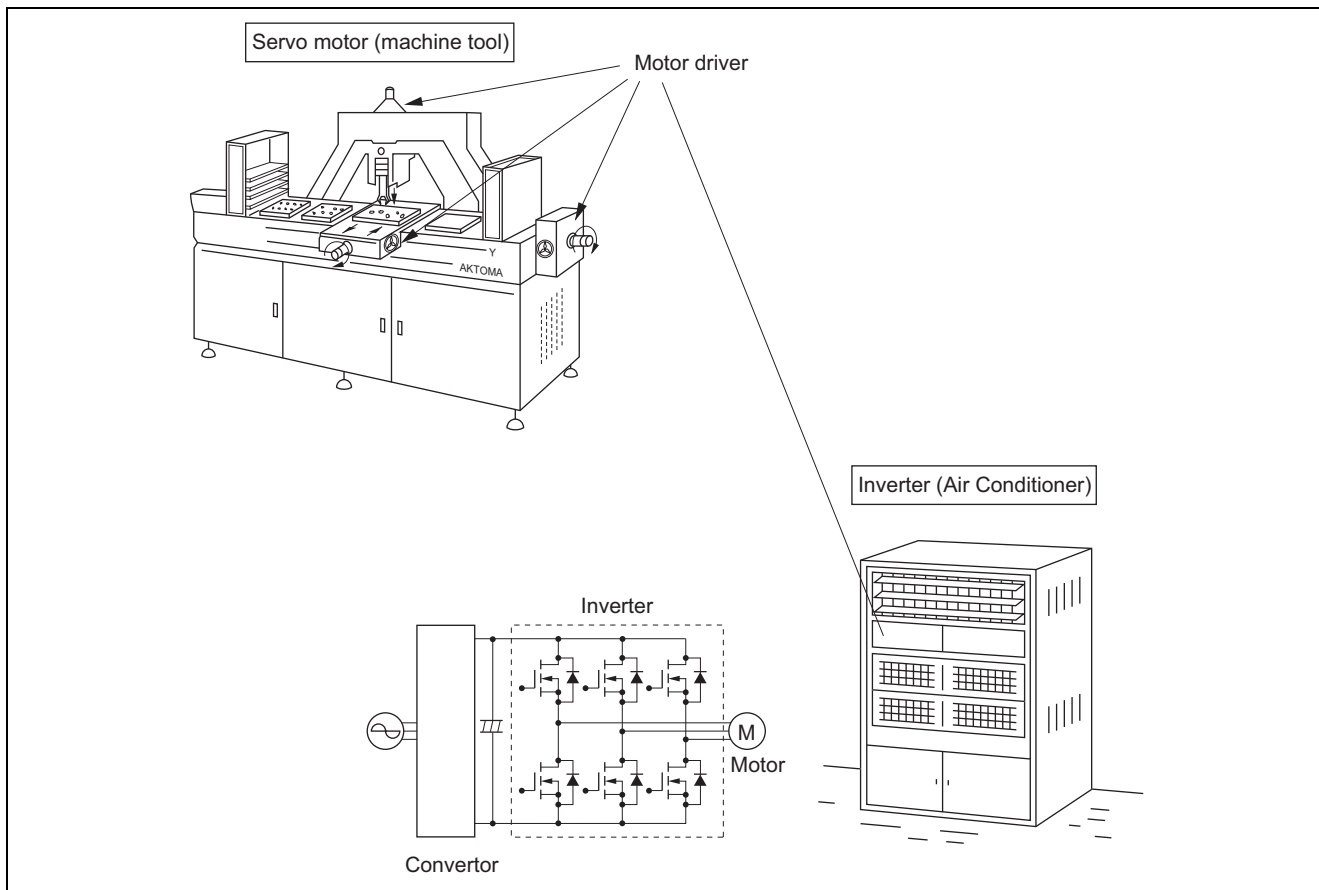


2. Motor Drive Applications

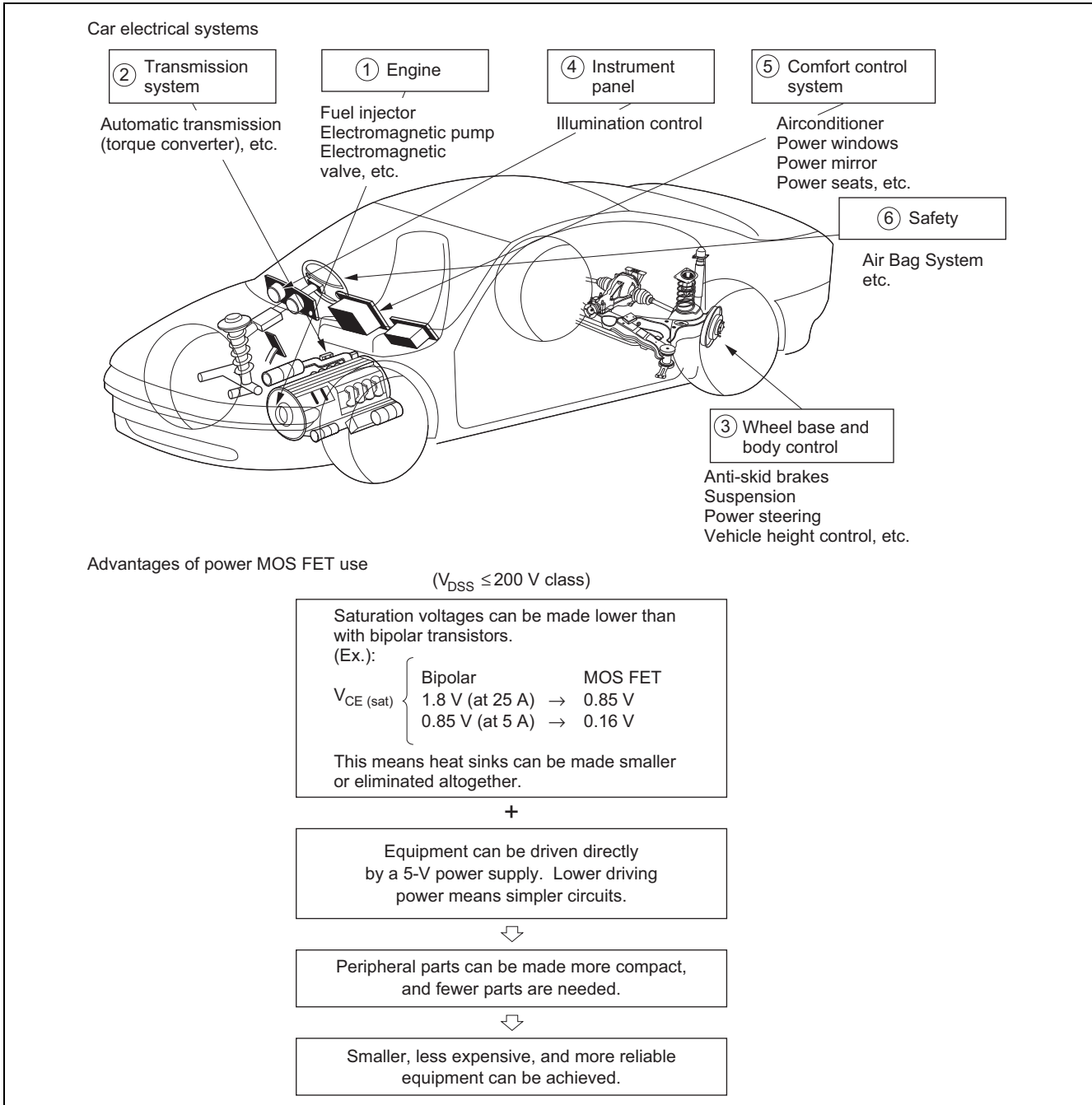
2.1 Small Motor Drive



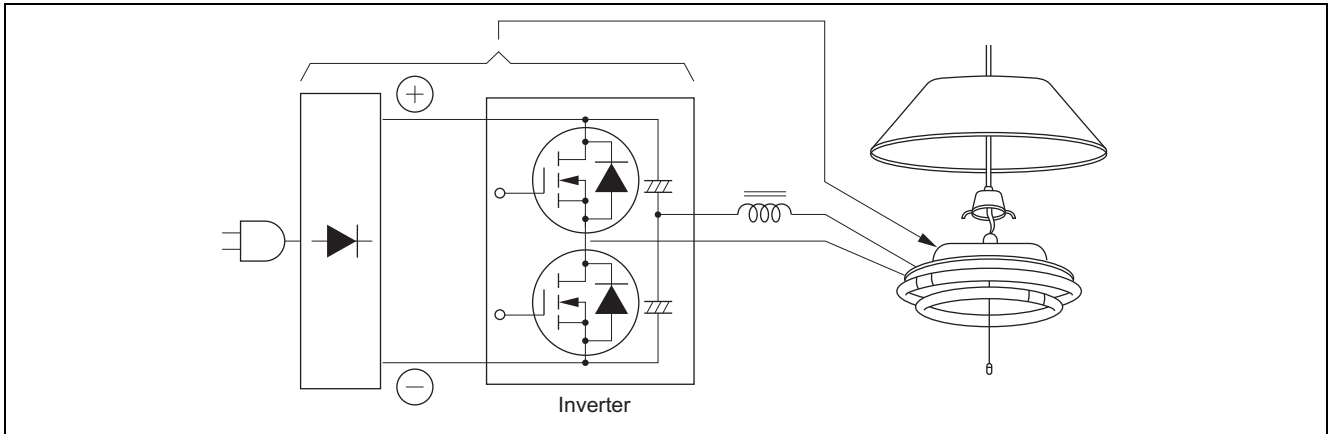
3. Servo Motor/Inverter Application



4. Automotive Use



5. Lamp Inverter Application



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Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Aug. 18, 2004	-	First edition issued
2.00	Aug. 18, 2014	-	The format was changed into the newest thing. The document number was changed.

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