



AUTOMOBILE



HDC: SMART cabin

ADAS: AUTO driving assistance system

BCM: Body control module

LED car light module

BMS battery management system





Automobile Electronics

**Traditional
automobile electronics**

**Newly developing
automobile electronics**

Electronic
Control
Equipment

Mounted
electronic
control system

New energy automobile

Car networks

Body control
system

Smart cabin, audio,
navigation panel,
Entertainment
center control
system, mounted
wireless charger
etc...

Battery
management
system

Electrical
machinery and
motor drive

Whole car control
system

Automobile Electronics ECU Module Structure



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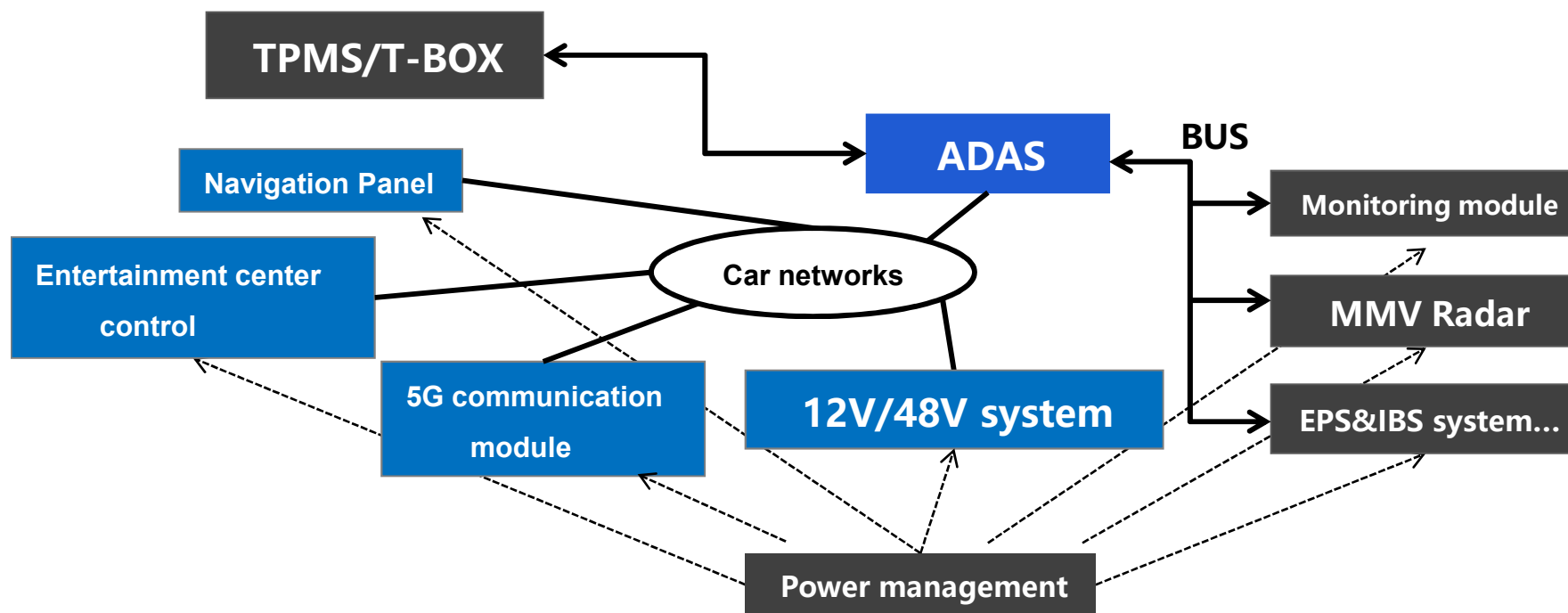
Car networks

ADAS

Radar system

Monitoring system

Smart Module



Audio/Video/Navigation/Display



Product	Device	Product	Device	Product	Device
MOSFET	S-L2N7002SLT1G	Zener	S-LBZT52C5V1T1G	General Tansistor	S-LBSS84LT1G
Bipolar Resistance Transistor	S-LDTB113ZLT1G		S-LUDZS5.6BT1G		S-LMBT5551LT1G
	S-LDTB114ELT1G		S-LUDZS7.5BT1G		S-LBSS4240LT1G
	S-LDTD113ZLT1G		S-LBZT52C18T1G		S-LBC807-25LT1G
	S-LDTD143ELT1G		S-LBZT52C36T1G		S-LBC817-25LT1G
	S-LMUN2111LT1G		S-LBZT52C9V1T1G		S-LMBT2907ALT1G
	S-LMUN2113LT1G		S-LMBZ5231BLT1G		S-LMBTA42LT1G
	S-LMUN2132LT1G		S-LMSZ5231BT1G		S-LMBTA92LT1G
	S-LMUN2211LT1G		S-LMSZ5232BT1G		S-LBC857BWT1G
	S-LMUN2232LT1G		S-LMSZ5234BT1G		S-LBC857CLT1G
	S-LMUN5211DW1T1G		S-LMSZ5237BT1G		S-LBSS4240LT1G
S-LMUN5213DW1T1G		S-LMSZ5254BT1G			
S-LMUN5215DW1T1G		S-LUDZS3.3BT1G	Rectifier	S-FM407	
S-LMUN5311DW1T1G		S-LUDZS5.1BT1G		S-FMAF405	
Switching Diodes	S-L1N4148WT1G		S-LUDZS6.2BT1G		S-FMAF407
	S-LBAS21HT1G		S-LUDZS6.8BT1G		S-SOD4004-SH
	S-L1SS355T1G		S-LUDZS9.1BT1G		S-SOD4005-SH
	S-L1SS400T1G	Schottky	S-SBR5100		
	S-LBAV99LT1G		S-SM340AF		
	S-LBAV99WT1G		S-LBAT54CLT1G		
S-LDAN202KLT1G					

Power MOS



Device	Package	Main Parameter					
		V _{DSS} (V)	Id(A)	RDSON		Polarity	ESD
				Max (m)	@V _{GS} /I _{DS}		
S-LN8330DT1AG	DFN3x3-8	30	11	22	10/0.5	N-Channel	
S-LN8340DT1AG	DFN3x3-8	30	14	12	10/12.8	N-Channel	
S-LN8342DT1AG	DFN3x3-8	30	18	6	10/20	N-Channel	
S-LP8615DT1AG	DFN3x3-8	60	7	100	4.5/3.2	P-Channel	
S-LNB8340DT1AG	DFN3333-8A	30	17	9.5	10/12.8	N-Channel	
S-LNB8418DT1AG	DFN3333-8A	40	14	12	10/11	N-Channel	
S-LNB8260DT1AG	DFN3333-8A	60	9	35	10/6.9	N-Channel	
S-LNB8266DT1AG	DFN3333-8A	60	9	20	10/10.4	N-Channel	
S-LPB8619DT1AG	DFN3333-8A	60	7	74	4.5/4.5	P-Channel	
S-LPB8615DT1AG	DFN3333-8A	60	7	100	4.5/3.2	P-Channel	
S-LN2406DT2AG	DFN2020-6S	30	5.3	36	10/5.8	N-Channel	
S-LP2405DT2AG	DFN2020-6S	30	4.2	85	4.5/4	P-Channel	
S-LDN3370DT2AG	DFN2020-6D	30	5.1	52	4.5/4	Dual-N (with ESD)	Y
S-LPB2305LT1G	SOT-23-LC	30	4.1	130	2.5/1.0	P-Channel	
S-LPB3407LT1G	SOT-23-LC	30	4.1	70	10/4.1	P-Channel	
S-LNB2306ELT1G	SOT-23-LC	30	4	50	10/6.7	N-Channel (with ESD)	Y
S-LP3415ELT1G	SOT-23	20	4	60	4.5/4.0	P-Channel (with ESD)	Y
S-LP2309LT1G	SOT-23	60	1.5	245	10/1.8	P-Channel	
S-LN2308LT1G	SOT-23	60	1.9	140	10/2.6	N-Channel	
S-LNP2601T1G	SOT-26	20	3	60	4.5/1	Complementary N-Channel	
		20	2.5	80	4.5/1	Complementary P-Channel	
S-LDN7626DT1AG	DFN5×6-8L	100	8.4	25	10/7.9	Dual-N	
S-LN7512DT1AG	DFN5×6-8A	60	20	8.2	10/16.3	N-Channel	
S-LN7514DT1AG	DFN5×6-8A	60	25	13	10/10.7	N-Channel	
S-LN7520DT1AG	DFN5×6-8A	60	15	20	10/10.4	N-Channel	
S-LN7536DT1AG	DFN5×6-8A	60	12	35	10/6.9	N-Channel	
S-LN7630DT1AG	DFN5×6-8A	100	12	25	10/9.2	N-Channel	

CAN TVS Specifications



LRC	ON	Product	Package	Applications
S-LR1105LT1G	NUP1105LT1G	Single phase/Double core 24 IPP~8A ESD	SOT23E	I/O protection (HVAC, audio and info entertainment system, car electronics, BCM..)
S-LR1CANLT1G	/	Single phase/Double core 24 IPP~5A ESD	SOT23	CAN BUS protection (navigator, air-conditioner, air-conditioner control, BMS...)
S-LR2105LT1G	NUP2105LT1G	Single phase/Double core 24 IPP~8A ESD	SOT23E	CAN BUS protection (navigator, air-conditioner control, BMS...)
S-LR2CANLT1G	/	Single phase/Double core 24 IPP~5A ESD	SOT23	CAN BUS protection (navigator, air-conditioner control, BMS...)
S-LR3105LT1G	NUP3105LT1G	Duplex double core 32V IPP~8A ESD	SOT23E	33V ESD protection
S-LESD23H12CLT1G	/	Two-way/Double circuit	SOT23	CAN BUS protection (BMS auto balance module...)
S-LMBZ27VALT1G	MMBZ27VA	Twin core/Common anode 27V IPP~1A ESD	SOT23	CAN/LIN BUS protection BCM body control system...)
S-LMBZ27VCLT1G	MMBZ27VC	Twin core/Common cathode 27V IPP~1A ESD	SOT23	CAN/LIN bus protection (BCM body control system ...)
S-LR1LINT1G	/	Two -way 24V/15V IPP~3A ESD	SOD323	
S-LR1LIN15LT1G	/	Twin core/Common anode 15V IPP~5A ESD	SOT23	CAN BUS protection (navigator, air-conditioner control, BMS...)
S-LR1LIN15CLT1G	/	Two-way/Double circuit 15V IPP~5A ESD	SOT23	



THANK YOU