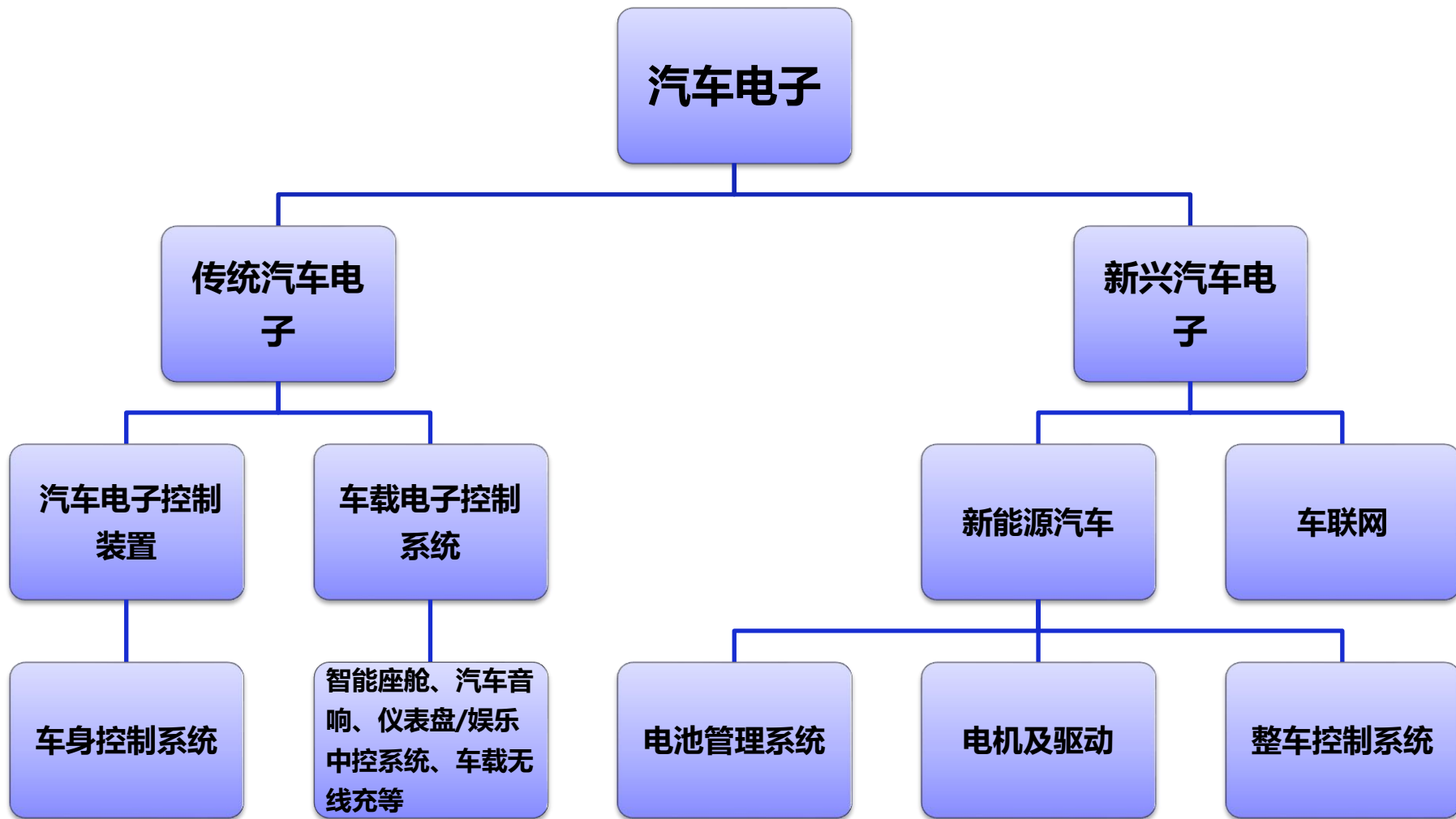




◆ 汽车

智能座舱HDG、智能驾驶辅助系统ADAS
、车身控制模块BCM、LED车灯模块、
电池管理系统BMS... ..

汽车电子ECU模块架构



汽车电子ECU模块架构

汽车电子

传统汽车电子

汽车电子控制装置

车身控制系统

车载电子控制系统

智能座舱、汽车音响、仪表盘/娱乐中控系统、车载无线充等

新兴汽车电子

新能源汽车

电池管理系统

电机及驱动

整车控制系统

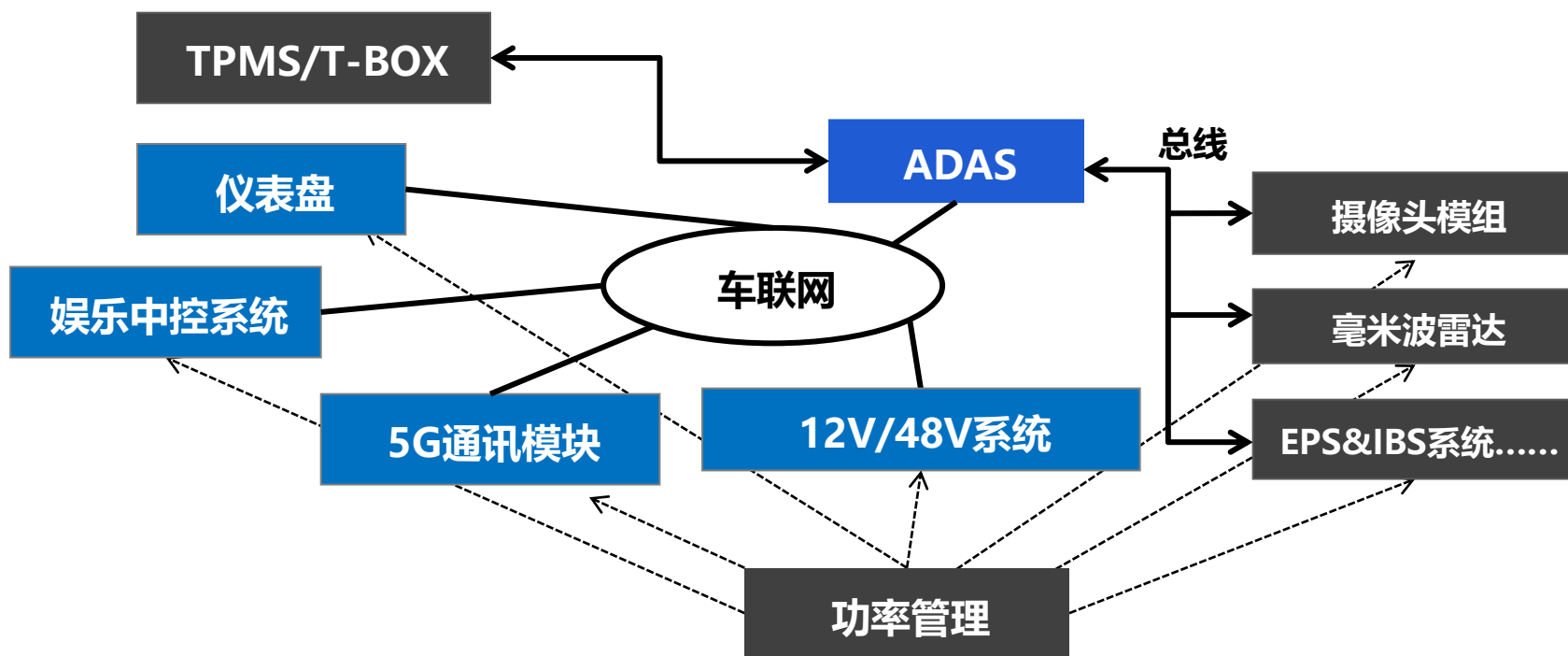
车联网

ADAS

雷达系统

摄像头模组等

智能化模块



Audio/Video/ Navigation /Display



Product	Device	Product	Device	Product	Device
MOSFET	S-L2N7002SLT1G	Zener	S-LBZT52C5V1T1G	General Transistor	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)	I _d (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总线TVS Spec

LRC	ON	产品	Package	应用
S-LR1105LT1G	NUP1105LT1G	单向双芯24 IPP~8A ESD	SOT23E	I/O保护 (HVAC, 音频及信息娱乐系统、车身电子BCM..)
S-LR1CANLT1G	/	单向双芯24 IPP~5A ESD	SOT23	CAN总线保护 (仪表盘, 空调控制, BMS... ..)
S-LR2105LT1G	NUP2105LT1G	单向双芯24 IPP~8A ESD	SOT23E	CAN总线保护 (仪表盘, 空调控制, BMS... ..)
S-LR2CANLT1G	/	单向双芯24 IPP~5A ESD	SOT23	CAN总线保护 (仪表盘, 空调控制, BMS... ..)
S-LR3105LT1G	NUP3105LT1G	双向双芯32V IPP~8A ESD	SOT23E	33V ESD 保护
S-LESD23H12CLT1G	/	双路双向	SOT23	CAN总线保护(BMS主动均衡模块... ..)
S-LMBZ27VALT1G	MMBZ27VA	双芯共阳27V IPP~1A ESD	SOT23	CAN/LIN总线保护 (BCM车身控制系统... ..)
S-LMBZ27VCLT1G	MMBZ27VC	双芯共阴27V IPP~1A ESD	SOT23	CAN/LIN总线保护 (BCM车身控制系统... ..)
S-LR1LINT1G	/	双向24V/15V IPP~3A ESD	SOD323	CAN总线保护 (仪表盘, 空调控制, BMS... ..)
S-LR1LIN15LT1G	/	双芯共阳15V IPP~5A ESD	SOT23	
S-LR1LIN15CLT1G	/	双路双向15V IPP~5A ESD	SOT23	