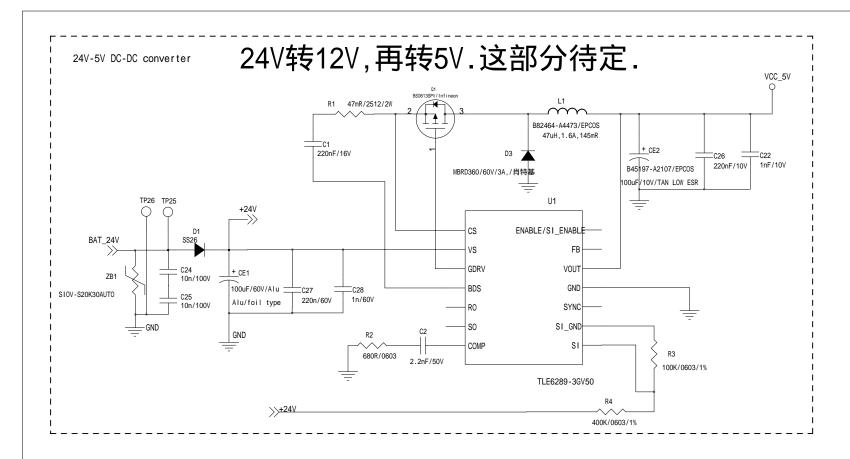
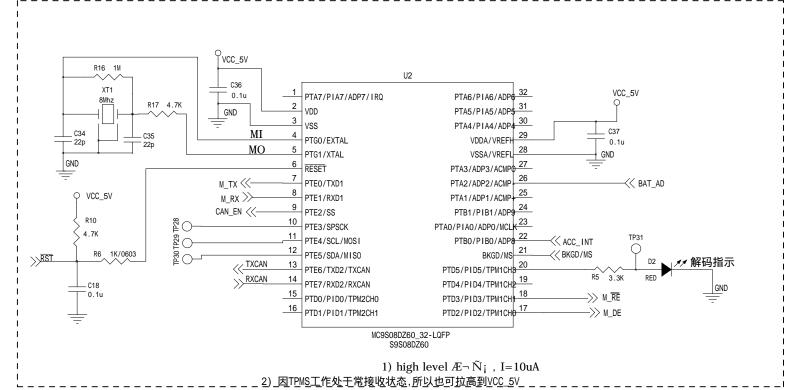
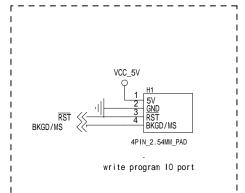
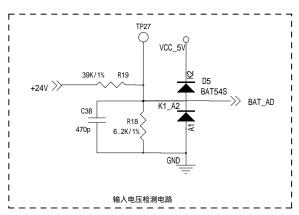
Version change notes list initial version PCBLAYOUT part: V0.2 1) COPPER and hatch changed solider copper 2) Add test point T8/T29/T3 to 3 keys 3) Add silkscreen 1-6 box to bottomside for test record 4) T25 move out silkscreen box 5) T24 cancel, changed gnd hole with mask silkscreen 6) add keepout to battery for mask solder 7) Correct L3 package PIN definition (PIN1/2/3/4) 8) L3 clear to RF antenna. seriously influence RF antenna. so must seperate L3 and RF 9) for layout, L1 right port must be as feed point and C4/C5/C6 must be far from routing betwen feed point and antenna. i.e. keep shortening routing of between PA and antenna feed point as possible 1) two diameter 48MIL hole for locating to 80MIL 2) 4 MARKpoint move away for avoiding location holes. 3) make a panel with 6pcs V0.4 1) only change LF antenna to sumida :CAS13D31-47 2) LF antenna maybe need to debug 1) formal version for pre-production 2) C8 change to connect P12 and GND. p11 directly connect to GND , in order to solve that S-KEY without battery communicates with IMMO V0.41 3) C12=33nH,C11=5.6pF,L1=6.8nH,C4=4.7pF, C6=0 R, C19=0.5pF, C5=R20= NC V1.0 1) only change LF antenna to TOKO SA3D14 (1085BAN-2047=P3), both L3 connecting schematic and L3 package are different

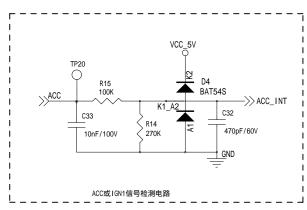
Version	Date		Change Reason				Designer	Checker	Approver	DCN I	١0.
V0.41	20140407		Formal First Version				Huqing				
V1.0	20140611		change L3 to another vendor spec. Huqing								
File No.				File Type	SCH	Veichl	e Model				
Part Name			SC00_PEPS_S_KEY					Sheet	of Shee	t 1	of 2
Part No.		PPB-01003-01-00						Drawn By: AMO		DHU	
Company Shenzhen Southern Dare Automotive Electronics Co., LTD											

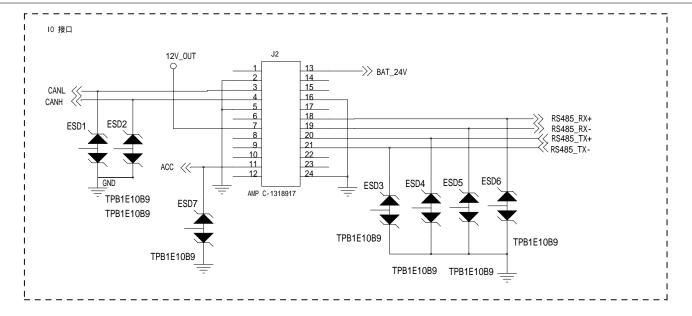


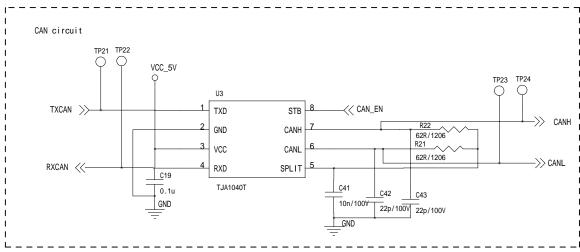


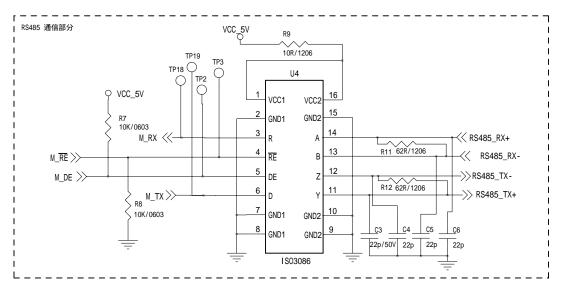












Version	Date		Change Reason				Designer	Checker	Approver	DCN	NO.
V0.41	20140407		Formal First Version				Huqing				
V1.0	20140611		change L3 to another vendor spec.			Huqing					
File No.				File Type	SCH	Veichl	e Model				
Part Name			SC00_PEPS_S_KEY					Sheet	of Shee	et 2	of
Part No.			PPB-01003-01-00					Drawn By: AMOC		NHU	
Company			Shenzhen Southern Dare Automotive Electronics Co., LTD								