

Title		
Size	Number	Revision
A4		
Date:	3/23/2021	Sheet of
File:	E:\project\DCU_L506C_V2\0. Block.SchDoc	Drawn By:

A

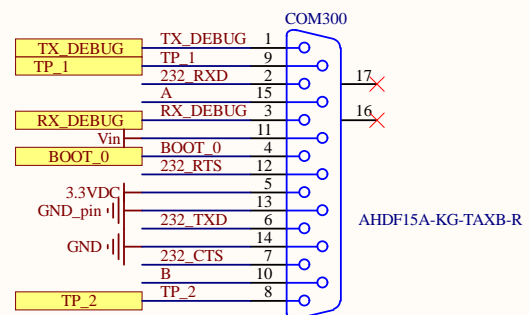
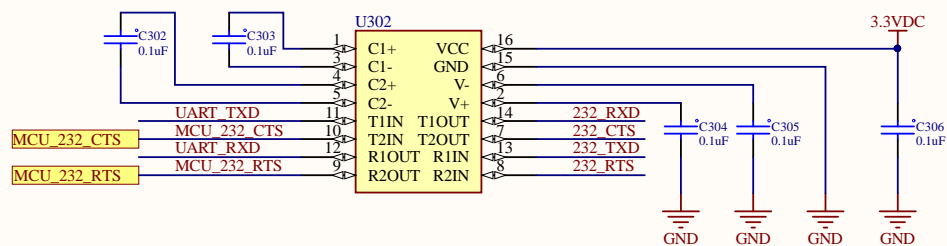
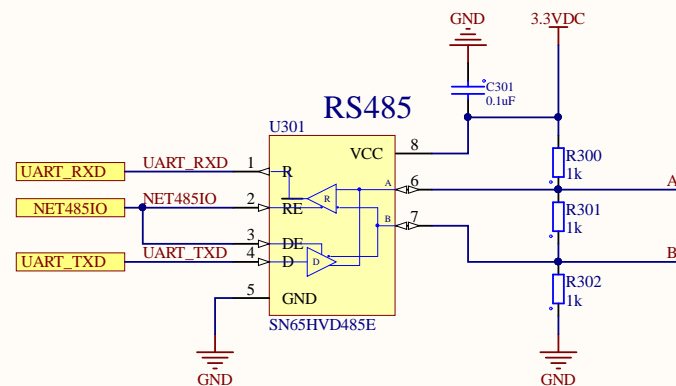
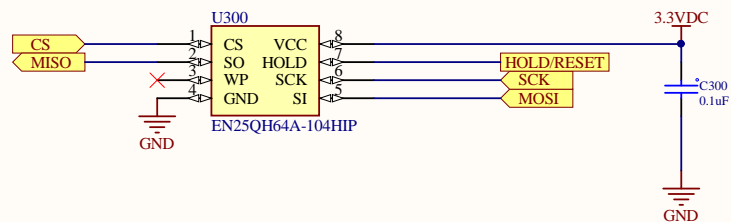


A

B

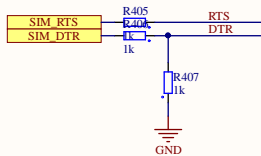
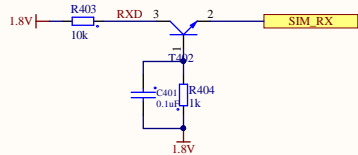
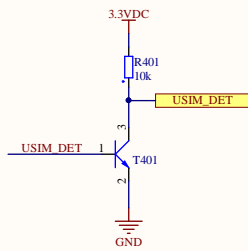
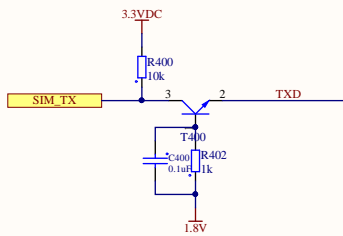
C

E

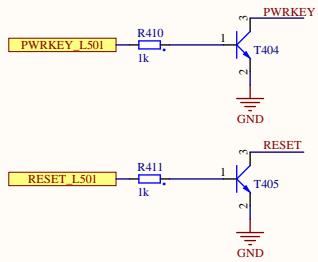
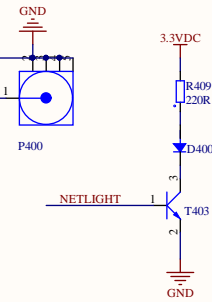
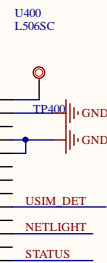
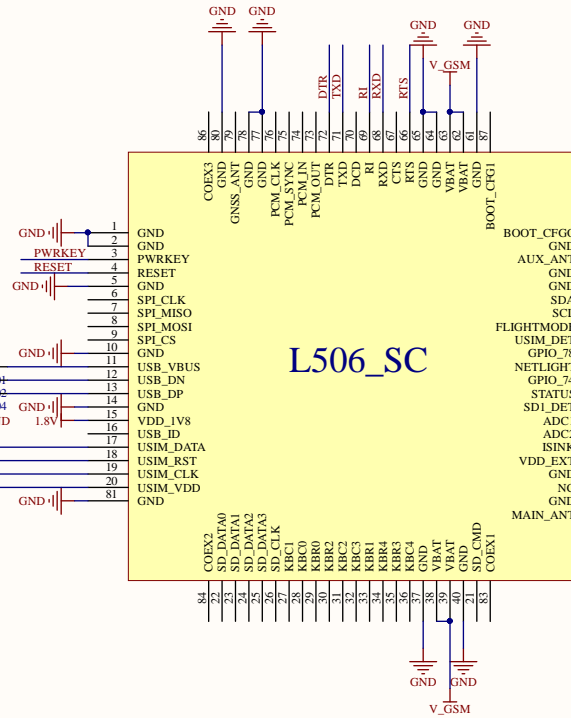
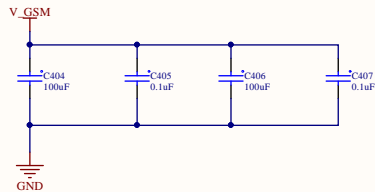
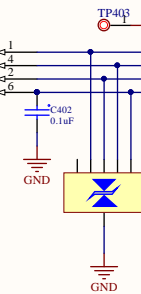
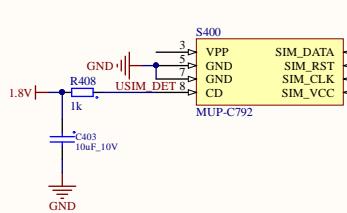


Dùng chân TP_1 làm chân phát hiện rút jack DB
(bên trong chip sẽ treo lên mức cao còn bên ngoài dây DB sẽ nối đất)

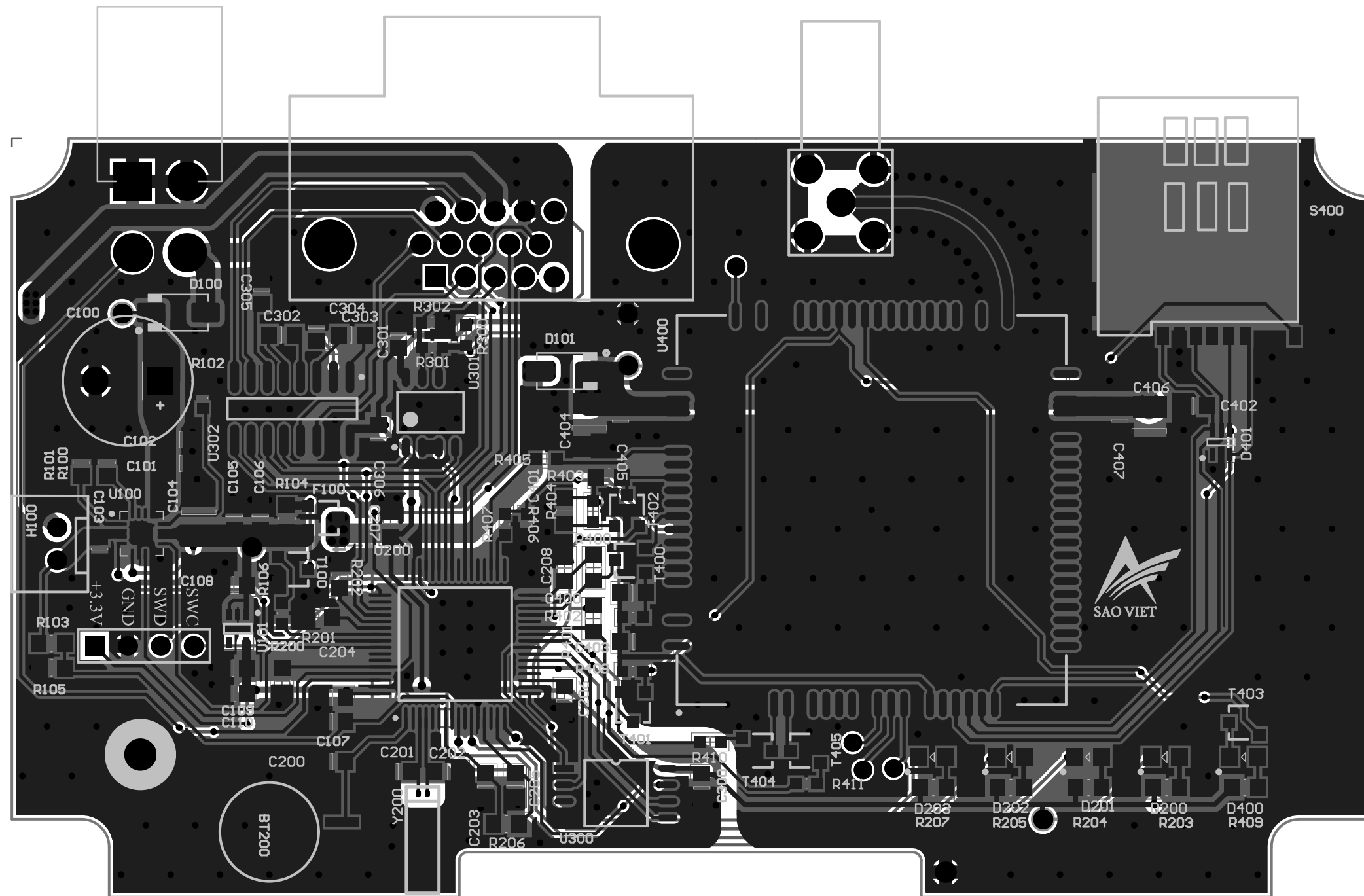
Title		
Size A4	Number	Revision
Date:	3/23/2021	Sheet of
File:	E:\project\3. Peripheral.SchDoc	Drawn By:



Cho khay sim thò ra ngoài



Title		
Size	Number	Revision
A3		
Date:	3/23/2021	Sheet of
File:	E:\project\DCU_1.506C_V2\4G_L506C_Sch	Drawn By:



Comment	Description	Designator	Footprint	Manufacturer	Manufacturer Part Number	Quantity
PIN 3V_1	http://linhkienviet.vn/pin-cmos-cr1220-chan-handung	BT200	CMOS	Panasonic	A30620	1
1000uF_25V	CAP ALUM 330UF 20% 16V RADIAL	C100	C_10*17mm	Nichicon	UVR1E102MPD1TD	1
0.1uF	0.1uF ±10% 50V Ceramic Capacitor X7R 0805	C101, C106, C107, C108, C110, C200, C203, C204, C205, C206, C207, C208, C300, C301, C302, C303, C304, C305, C306, C400, C401, C402, C405, C407	C0805	Samsung	CL21B104MBCNNN C	24
10uF_10V	10uF 10V Ceramic Capacitor X5R 0805	C102, C103, C105, C109, C403	C0805		0805X106K100NT	5
100uF	100uF 10V Ceramic Capacitor X5R 1210 (3225 Metric) 0.126" L x 0.098" W (3.20mm x 2.50mm)	C104, C404, C406	C1210	Taiyo Yuden	LMK325BJ107MM-T	3
22pF	22pF ±1% 50V Ceramic Capacitor C0G, NPO 0805	C201	C0805	Samsung Electro-Mechanics America, Inc.	CL21C220FBANNN C	1
15pF	15pF ±1% 50V Ceramic Capacitor C0G, NPO 0805	C202	C0805		0805CG150F500NT	1
AHDF15A-KG-TAXB R	COM 15	COM300	DSUB15	Assmann WSW Components	AHDF15A-KG-TAXB	1
DIODE	DIODE SCHOTTKY 40V 2A SMC	D100, D101	DO-214AC	Comchip	SS34	2
L_BLUE	Blue 470nm LED Indication - Discrete 2.65V 0805	D200, D201, D202, D203, D400	LED0805_Blue	[NoParam], Kingbright	B2012SR11ZQC, MH002327, B2012SB11ZQC	5
ESDA6V1-5W6	TVS DIODE 3VWM SOT3236	D401	SOT23-6N - SMF05C SOT363 TVS DIODE ESD PROTECTION SMF05C SOT363 TVS DIODE ESD PROTECTION SMF05C	STMicroelectronics	ESDA6V1-5W6	1
IRML6401PbF	MOSFET P-CH 12V 4.3A SOT-23	F100	SOT23A	Infineon Technologies	IRML6401TRPBF	1
Header 2H_j	Header, 2-Pin, Right Angle	H100	header_2P_xh2.54			1
Logo		Logo Sao viet200	Logo Sao viet			1
Header 2Px2 5557-4.2	Header, 4-Pin	P100	HDR_2Px2 5557-4.2	Würth Electronics	649004227222	1
Header 4	Header, 4-Pin	P200	HDR1X4			1
COAX-M_dai	RF Coaxial PCB Connector, MMCX-T CONN RP SMAN JACK R/A 50OHM PCB	P400	ANT	Digital Six Labs	SSMA-RAF-20	1
10k	RES SMD 10K OHM 5% 1/8W 0805	R100, R101, R103, R104, R105, R200, R201, R202, R206, R400, R401, R403	R0805		RS-05K103JT	12
1k	RES SMD 1K OHM 5% 1/8W 0805	R102, R106, R300, R301, R302, R402, R404, R405, R406, R407, R408, R410, R411	R0603	Venkel	CR0805-8W-102JT	13
220R		R203, R204, R205, R207, R409	R0805		RS-05K221JT	5
MUP-C792		S400	Card_sim_micro			1
MMBT3904LT1G	TRANS NPN 40V 0.2A SOT23	T100, T400, T401, T402, T403, T404, T405	SOT23A	ON Semiconductor	SMMBT3904LT1G	7
TP35/55		TP400, TP401, TP402, TP404	TP_35/55			4
TP45/65		TP403	TP_45/65			1
TP45/65		TP (+3.3V), TP (+4.2V), TP (+4.4V), TP (+5V), TP (GND)	TP_0.5			5
BQ24074	Charger IC Lithium Ion 16-QFN (3x3)	U100	RGT 16	Texas Instruments	BQ24074RGTRG4	1
TLV70033DCKR		U101	SC_70	Texas Instruments	TLV70033DCKR	1
STM32L452RCT6	IC MCU 32BIT 512KB FLASH 64LQFP	U200	LQFP64_L	STMicroelectronics	STM32L452RCT6	1
EN25CH64A-104HIP	IC FLASH 64MBIT	U300	S25FL008A			1
SN65HVD485E	IC TXRX RS485/RS422 8-SOIC	U301	Sop 8	Texas Instruments	SN65HVD485E	1
SP3232EEN-LTR	IC RS232 3V5.5V 15KVESD 16-SOIC	U302	D016_M	Exar	SP3232EEN-L/TR	1
L506SC		U400	L506_SC			1
32.768k	32.768kHz ±10ppm Crystal 12.5pF 50 kOhm - 40°C ~ 85°C Surface Mount Cylindrical Can, Radial	Y200	TF-206	ECS International	ECS-.327-12.5-13FLX-C	1