

Project: Variant:	From:	template.PrjPc template.PrjPc	b	•	
Creation Date:	2011-10-10	20:50:10	-	•	
Print Date:	40826	40826.86824	-		
Footprint R0805	0.1U 0.1 0.1 20P 0.1uF	LibRef	Designator C1	Description Capacitor	qı
R0805 R0805 R0805	0.1 20P	CAP CAP CAP	C7, C8, C9 C12, C13	Capacitor Capacitor	
R0805	0.1uF	CAP	C12, C13 C41, C42, C43, C45, C50, C51, C52, C5 C133, C156, C157, C158, C159, C160,	Capacitor	
			C133, C156, C157, C158, C159, C160, C161, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172,		
R0805	104	CAP	C167, C168, C169, C170, C171, C172, C173, C174, C175, C176, C177, C178, C179, C180, C181, C182, C183, C184, C185, C186, C187, C188, C189, C234, C235, C190, C191, C192, C193, C194, C195, C196, C197	Capacitor	
R0805	0.01//5	CAP	C186, C187, C188, C189, C234, C185, C186, C187, C188, C189, C234, C235	Canacitor	
R0805 R0805	0.01uF 180P CAP	CAP CAP	C196, C197 C198, C199, C200, C201, C202, C203.	Capacitor Capacitor	
C0805			C206, C207, C208, C209, C233	Canacitor	
C1210 C1000U/35V	CAP 47UF/16V 1000uF/40v	CAP CAPACITOR ELECTRO1	C204, C205 C211, C212 C213	Capacitor Electrolytic Capacitor	
C1000U/25V C220U/25V	1000uF/40v 1000UF/16V 220UF/16V	ELECTRO1 CAPACITOR CAPACITOR	C214 C215	Capacitor Capacitor	
C1210 C220U/25V	10UF/16V 220UF/10V	CAPACITOR CAPACITOR CAPACITOR	C216 C217, C218	Capacitor Capacitor	l
C1210 C1210	220UF/10V 10UF/6.3V 10uF	ELECTRO1	C219, C220 C221, C222	Capacitor Electrolytic Capacitor	l
R0805 R0805	470PF 68P 22P 10U/16V	CAP CAP	C223 C224	Capacitor Capacitor	l
R0805 C1210	22P 10U/16V	CAP CAPACITOR	C225 C226	Capacitor Capacitor Capacitor Capacitor	l
C1210	4.7U/16V	POL CAPACITOR POL	C227	Capacitor	l
C470U/35V	1000UF/35V	POL CAPACITOR	C228	Capacitor	l
C220U/25V	220UF/25V	CAPACITOR POL CAPACITOR	C229	Capacitor	1
C220U/25V	220U/25V	POL ELECTRO1	C230	Electrolytic Capacitor	1
C47U/16V R0805	47u 0.001uF	ELECTRO1 CAP	C232	Electrolytic Capacitor Electrolytic Capacitor Capacitor	1
L1206	LED	LED	D16, D18, D20, D30, D31, D39, D40, D4 D42, D43, D44, D45, D46, D47, D48, D4 D50, D51, D52, D53, D54, D55, D56, D6		1
LED-D	LED	LED	D58	Diada	1
4001 IN5822	LED 1N4001 IN5822	LED DIODE DIODE	D61	Diode Schottky Diode	1
AMS1117	I M1117-1 8		D62		1
AMS1117 FUSE2	LM1117-3.3 FUSE1	LM1117-1.8 LM1117-1.8 FUSE1	F1	Fuse	1
DPIN2 DHPIN5 USBCACH	SHUT3 HEADER5X2 CON5	SHUT3 HEADER 5X2 CON5	J5, J18, J26, J268, JP8, JP20, S3 J8	Connector	1
USBCACH PIN5_2MM PIN2	CON5 CON5 CON2 CON1	CONS CONS CON2 CON1	J49	Connector Connector Connector Connector	1
PIN2 SPAT	CON1	CON1	J53, J54, J55, XJ3, XJ4 J57, J58, J59, J60, J61, J62, J63, J64, J J66, J67, J68, J69, J70, J71, J72, J73, J	Connector	1
I CD	CONTR	CONTR	J66, J67, J68, J69, J70, J71, J72, J73, J J75, J76	Connector	1
LCD DB9USER	CON18 DB9	CON18 DB9 CON3 SHUT3	J78, J79	1	l
PIN3 DPIN3	CON3 SHUT3 CON7	CON3 SHUT3	J80 J81	Connector	l
PIN7 PLCC144 DPIN40-80 DPIN4	PLCC144 40*2HEADER	CON7 PLCC144 40*2HFADER	J82 J100	Connector	l
DPIN40-80 DPIN4 IDE40	40°2HEADER SHUT4 HEADER 20X2	40°2HEADER SHUT4 HEADER 20X2	JP1 JP9, SP6, SP7, SP8		l
IDE20 BSOK LKEY	HEADER 20X2 HEADER 10X2 MENUE	HEADER 20X2 HEADER 10X2 MENUE DIPKEY	JP10 JP11, JP12		l
B50K LKEY	MENUE 5	DIPKEY	K1, K2 K3, K4, K5, K6, K7, K8, K37, K38, K39,		l
			K40, K41, K42, K43, K44, K45, K46, K47 K48, K49, K50, K51, K52, K53, K54		l
PCKEY PCKEY	PCMOUSE PCKEY INDUCTOR INDUCTOR1	PCKEY PCKEY	K56		l
INDUCTOR1 R0805 R0805	INDUCTOR1 50	INDUCTOR INDUCTOR1 INDUCTOR1	L13 L14, L15 L16		l
FM	SPEAKER 8050	SPEAKER PNP	LS1	PNP Transistor	l
PNP NPN	onen	OOD NON	Q3 Q3		l
PNP NPN R0805	8550 9013 470	PNP NPN, NPN1 RES2	010 011, 012 R1, R2, R3, R4, R5, R6, R7, R8, R53, R R07, R96, R90, R100, R101, R102, R10 R104, R105, R106, R114, R115, R116, R117, R118, R119, R120, R121, R122, R137, R140, R141, R142, R144, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R346, R47, R4 R41, R42, R43, R44, R45, R46, R47, R4 R948, R50, R34, R45, R46, R47, R4	PNP Transistor NPN Transistor	l
110000	410	T-COL	R97, R98, R99, R100, R101, R102, R10		l
			R117, R118, R119, R120, R121, R122, R137 R140 R141 R142 R144 R238		l
			R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249		l
R0805	27K	RES2	R41, R42, R43, R44, R45, R46, R47, R4 R49, R50, R343		l
R0805 R0805	120 1K	RES2 RES2	R51, R52		l
R0805	1K 10k	RES2	R107, R369, R370, R371, R372, R373 R108, R270, R271, R272, R274, R277, R278, R279, R280, R281, R282, R283		l
			R108, R270, R271, R272, R274, R277, R278, R279, R280, R281, R282, R283, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R394 R296, R297, R298, R299, R300, R301		l
R0805	330	RES2	R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319,		l
			R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319.		l
		1	R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337		1
R0805	1M	RES2 RES2	R332, R333, R334, R335, R336, R337 R339, R340, R341, R342		1
R0805 R0805	100 510	RES2 RES2	R339, R340, R341, R342 R344, R345, R346, R347, R385, R386 R348, R349, R350, R351, R352, R353,	1	1
R0805	3.3K	RES2	R354, R355, R356, R357 R358, R359, R360, R361, R362, R363, R364, R381 R365, R366, R367		L
R0805		RES2			1
R0805 VR R0805	4.7K 4K7 POT2 5.1K	RES2 POT2 RES2	R368 R374	Potentiometer	1
			R374 R375, R376, R377, R378, R379, R380, R382, R383		1
R0805 VR R0805	18 5K 15K	RES2 POT2 RES2	R384 R387, R388	Potentiometer	1
R0805	15K 6.8K	RES2	R390		
R0805 R0805	6.8K 220 10	RES2 RES2	R391 R392		
R0805 DPIN3 SWITCH	200 SHUT2	RES2 SHUT2	R393 S13		1
SWITCH	10 200 SHUT2 SWITCH SW-PB SHUT8 SHUT31 SHUT31 SHUT5 DATALED	RES2 SHUT2 SW SPST DIPKEY SHUT8 SHUT31 SHUT5 DATALED	S16 S17		L
LKEY DPIN8 DPIN3 DPIN5	SHUT8 SHUT31	SHUT8 SHUT31	S18 S19		
			S20 S21, S22		
INTERNETO ACH	ENTERNETCA H	ENTERNETCA H	(SP5, SP10		
DIP14 FC-518LS 90-8	TLC5620 FC-518LS	TLC5620 FC-518LS MAX488	U2 U3		
90-8 RTL8019	MAX488 8019	MAX488 8019	U4 U6		
RTL8019 SOP8_1 SOP16_1 LM2576	AT24C02 74HC595	8019 AT24C02 74HC595 LM2576	U14 U15, U17, U18, U19, U20, U21, U22, U2		L
LM2576 SOP8_708	MAX488 8019 AT24C02 74HC595 LM2576 MAX708S 74HC125 3MAX3243 IPDILISR	LM2576 MAX708S	U46 U47		L
SOP8_708 SOP14_125 SOP28_3243	74HC125 MAX3243	MAX708S 74HC125 MAX3243	U48 U49		L
L64LED	LED64	LED64	U50 U51, U52, U53, U54		
7800 DIP16 NEW	7812 TI P521.4	7805 TLP521-4	U56	GuangOu	
SOP18_2803 DIP4_NEW	ULN2803 TLP521-1	ULN2803 TLP521-1	U57 U58		L
90P8_555 PIN3-T		555	U59 U60		L
SOP14_04 SOP16_138	74LS04 74HC138	74LS04 74HC138	U61 U62		
SOP8_555 PIN3-T SOP14_04 SOP16_138 SOP16_202 DRED	TL538B 74L504 74HC138 MAX3232 4HEADER 20M	TL538B 74LS04 74HC138 MAX3232 4 HEADER CRYSTAL	U64 X1	4 Pin Header	
	20M 6M	CRYSTAL CRYSTAL	Y5 Y6	Crystal Crystal	1
XTAL					