

## GENERAL PART LIST FOR CK3000\_CM\_09

version fournie par N. Cuany 6/8/2004

bom\_CK3000\_CM\_09\_O\_21

complétée par Quang 6/8/2004

En texte rouge : modifs par rapport à la dernière BOM

En texte vert : seconde source

## A Integrated circuits

Thalès	Parrot	No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
	S001_A	1	U2	Digital Signal Processor	1	PARROT_CHIP	Parrot 4	tgfp100	SMT		
	S004	2	U1	8M Flash	1	TE28F800B3B90	intel	tsop48	SMT		
	A4002	3	U4	Regulator	1	LP2951CM5	National SC	so8	SMT		
	A4003	4	U6	Codec	1	MC145483DW	Motorola	sop20	SMT		
	A4004	5	U9	Speaker power amplifier	1	TDA1519C	Philips	SIL9	PTH		
	S002	6	U20	1Mbit ram	1	AS7C31024-12TC	Alliance	tsop	SMT		
				1Mbit ram 2nd source		AS7C31024A-12TC	Alliance	tsop	SMT		seconde source autori
						AS7C31024B-12TC		tsop	SMT		
						LP61L1024AV12	AMIC	tsop	SMT		
		7	U7	Modile BT single stone	0	PBA-313-07	Infineon	LGA	SMT		

## B Pasive components

## B.1 Aluminium Capacitors

No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
Les tailles de capa sont précisées dans l'onglet sources passifs									
A4007	1	C13,C340,C344, C372	100uF_6.3V	3					
	2	C11	100uF_16V	1			PTH		
A4008	3	C52, C65, C66	470uF_16V PTH	3			PTH		
A4009	4	C61	470uF_25V PTH	1			PTH		
	5	C66	220uF-10V	0			PTH		
A4011	6	C347	22uF-16V	1			PTH		

## B.2 Ceramic Capacitors

No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
A4066	1	C511	6,8pF_6.3V	1		0603	SMT		
A4067	2	C501	8,2pF_6.3V	1		0603	SMT		
A4012	3	C303	10pF_16V	1	AVX	0603	SMT		
A4013	4	C1	33pF_16V	1	AVX	0603	SMT		
A4014	5	C56,C57,C336,C341,C342,C54(NU), C55(NU)	22pF_6.3V	5	AVX	0603	SMT		
A4015	6	C2,C5,C84,C88,C89,C91	100pF_16V	6	AVX	0603	SMT		
A4016	7	C82,C83,C90, C508	1nF_16V	4	AVX	0603	SMT		
A4068	8	C513	1,5nF_6.3V	1		0603	SMT		
A4017	9	C67	2,2nF_X7R	1	AVX	0603	SMT		
A4018	10	C304, C338, C339, C343, C346, C348, C503, C512, C515	10nF_16V	13	AVX	0603	SMT		
A4019	11	C14,C32,C39,C40,C41 C42,C43,C44,C45,C46,C47 C48,C49,C51,C53,C60,C64 C69,C81,C87, C373	100nF_16V	20	AVX	0603	SMT		
A4069	12	C502, C504, C506, C507, C509, C510, C514, C517, C518, C520	100nF_6.3V_X5R	10	AVX	0603	SMT		
A4020	13	C6,C7,C358	220nF_16V	3	AVX	0603	SMT		
A4021	14	C345	1uF_25V	1	AVX	1206	SMT		
A4070	15	C519	1uF_6.3V_X5R	1		0805	SMT		
A4071	16	C505	2,2uF-6.3V-X5R	1		0805	SMT		
A4022	17	C63	2,2uF-6.3V-X5R	0		1206	SMT		

## B.3 Diodes

No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
A4023	1	D4	Silicium	1	BAS32L	PHILIPS	sod80	SMT	
A4024	2	D1	Transil	1	SMCJ15A	General Semi Fairchild Multicomp TMC	DO 214AB	SMT	
A4025	3	D5	zener	1	BZX84C2V7	General Semi AEG	sot 23	SMT	
	4	D6(NU)	LED	0				Not used	

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## B.4 Resistors

No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
	1	R223(NU),R372(NU), R28(NU)	0			0603	SMT	Not Used	
A4026	2	R346, C374, R505, R551	3			0603	SMT		C374 est bien une res
A4027	3	RR1,RR2,RR3,RR4,RR5,RR6	6			1206	SMT		
A4028	4	R83,R84,R85	3			1206	SMT		
A4029	5	R43	1			0603	SMT		
A4030	6	R61	68			0603	SMT		
	7	R370(NU)	100			0603	SMT	Not used	
A4031	8	R59,R60,R351, R377	100			0603	SMT		
A4032	8	R282	220			0603	SMT		
	9	R283(NU)	270			0603	SMT	Not Used	
A4033	10	R17,R348,R7,R11	470			0603	SMT		
A4065	11	R502	910_1%			0603	SMT		
A4034	12	R18,R38,R62,R81,R82 R226,R347, R406, R501	1K			0603	SMT		
A4035	13	R230	2,2K			0603	SMT		
A4036	14	R79,R234,R284,R353 R12,R369	3,3K			0603	SMT		
	15	R352(NU),R354(NU),R373(N U),R374(NU),R375(NU), R344(NU), R408(NU), R409(NU), R410(NU)	4,7K			0603	SMT	Not Used	
A4037	16	R9,R10,R47,R49,R58 R95,R96,R142,R202,R203 R214,R215,R281,R376, R411, R412, R413	4.7K			0603	SMT		
A4038	17	R362	5,6K			0603	SMT		
A4039	18	R91,R274, RC54	10K			0603	SMT		
A4040	19	R4,R6	15K			0603	SMT		
A4041	20	R360,R371	27K			0603	SMT		
	21		39K			0603	SMT		
A4049	22	R415	43K			0603	SMT		
A4042	23	R51	47K_1%			0603	SMT		
A4043	24	R25	56K			0603	SMT		
A4044	25	R361	82K			0603	SMT		
A4045	26	R52	82K_1%			0603	SMT		
A4046	27	R26,R37,R55,R237,R238 R359, R378, R414(NU), R416(NU_TBD)	100K			0603	SMT		
A4072	28	R515	120k			0603	SMT		
A4047	29	R3,R8	330K			0603	SMT		
A4073	30	R513	390k			0603	SMT		
A4048	31	R29	1M			0603	SMT		
	32	R27(NU)	10M			0603	SMT		

## B.5 Other

## Other

No.	ref schema	Designation	Qty	Vendor's ref	Vendor Name	Packaging	Soldering	used	Appro
S007	1	X508	Oscillateur 26MHz	1	OCETCCJANF-26,00MHz	TAITIEN	7x5	SMT	
A4050	2	X2	Crystal 8,192 MHz; 100ppm; 20pF	1	SS4-0819-30-30/50 SJK-6B-8.192-20-30-50-F-B-50-H	Jauch Shenzen Crystal	HC49/S	Hand Solder	seconde source autori
S2035	3	X505	Oscillateur 32.768KHz	1	OCEFZLJ OCETZLJ TOCEFGCJ	Taitien Taitien Taitien		SMT SMT	
A4058	4	L1	CD75-100	1	CD75-100 74477510A	SUMIDA distributed by OSA WURTH	CD75	SMT SMT	
A4053	5	Q6,Q30,Q53, NU_Q504	Transistor NPN	3	BC847BLT1	Motorola	sot 23	SMT	
A4054	6	Q8,Q15	Transistor PNP	2	BC857BLT1	Motorola	sot 23	SMT	
A4055	7	Q3	Transistor NPN	1	BC817-25L/T1	Motorola	sot 23	SMT	
A4056	8	Q1,Q2,Q52	Transistor PNP	3	BCP69	Motorola; Phillips	sot223	SMT	
A4057	9	L2,L3,L5,L6,L7	Ferrites	5	BLM21A102S	Murata	0805	SMT	

