

No.	ref schema	Designation	Qty	Vendor's ref	Manufacturer	Vendor Packaging	Soldering Sde srce	Appro	proto
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A Integrated circuits

U7		Module BT	1	R0K 104 001	Ericsson	LGA	SMT	Parrot	ok
U1		superviseur d'alimentation	1	1 MCR909 315	Microchp	ssop23-3		SAE	ok
U3		1Mbit ram	1	1 AS7C31024-12TC	Alliance	32sop1	SMT	une seule	Parrot non
U9		DC-DC Regulator	1	1 MC34063ABD	STM	so8	SMT	SAE	ok
U2		Digital Signal Processor	1	1 PARROT_CHP	Parrot	16p100	SMT		Parrot ok
U4		8M Flash	1	1 MX29LV800BBH90	Macronix	tsop48	SMT	oui	Parrot ok
U6		Codec	1	1 MC145483SD	Motorola	ssop20	SMT		SAE ok
U8		Speaker power amplifier	1	1 TDA7233	STM	SO8	SMT		SAE ok

B Passive components**B.1 Capacitors**

			C	V	h x d				
C1,C30		100uF_6.3V	2	100uF	6.3V 5.4x6.2		COSMD_D	SMT	SAE ok
C10		100uF_6.3V	1	100uF	6.3V 5.4x6.2		COSMD_D		SAE ok
C2,C3,C4,C5,C6,C7,C8,C9,C11,C51,C54		100nF_16V	21				0603	SMT	SAE ok
C18,C20,C21,C23,C31,C38,C39,C48,C50,C56		220uF_6V	1	220uF	6V 6.3x6.3		COSMD_6.3	SMT	SAE ok
C12		10nF_16V	3				0603	SMT	SAE ok
C55,C57,C58		470uF_25V	1	470uF	25V 10.2x10		COSMD_G	SMT	SAE ok
C19		470uF_16V	1	470uF	16V 10.2x10		COSMD_G		SAE ok
C41		1uF_25V	1				1206	SMT	SAE ok
C22		33uF_16V	3				0603	SMT	SAE ok
C15,C16,C17		560uF_6.3V	1				0603	SMT	SAE ok
C24		22pF_6.3V	7				0603	SMT	SAE ok
C25,C26,C34,C35,C40,C42,C53		10uF	1	10uF	6.3V 4.0x5.4		COSMD_B	SMT	SAE ok
C44		2.2uF	1				1206	SMT	SAE ok
C45		NU_560pF	1				0603	SMT	SAE NU
C46		100pF	2				0603	SMT	SAE ok
C47,C52		4.7uF_25V	1				1206	SMT	SAE ok
C59		68pF	1				0603	SMT	SAE ok
C60		470nF	1				0603	SMT	SAE ok
C61									

B.2 Diodes

D2		Diode bleue	1	HEB1105	Stanley	1206	SMT	SAE	ok
D1		Diode	1	SMCJ15A	Vishay	DO 214AB	SMT	SAE	ok
D5,D6		Double Diode	2	BAV96SOT	PHILONS	SOT-23	SMT	SAE	ok
D3		diode	1	MBRA140	ON SEM	SMA	SMT	SAE	ok

B.3 Resistors

RR1,RR2,RR3,RR4,RR5,RR6,RR7		RR4,7k	7			1206	SMT	SAE	ok
R4,R9		330k	2			0603	SMT	SAE	ok
R100		0R47	1			0805	SMT	SAE	ok
R6		10	1			0603	SMT	SAE	ok
R19,R26,R71,R76,R77,R55		3.3K	6			0603	SMT	SAE	ok
R31,R33,R35,R94,R95,R97,R99		4.7K	15			0603	SMT	SAE	ok
R36,R54,R60,R82,R83,R89,R90,R24		82K_1%	1			0603	SMT	SAE	ok
R102		47K_1%	1			0603	SMT	SAE	ok
R101		39k	2			0603	SMT	SAE	ok
R22,R91		4.7M	1			0603	SMT	SAE	ok
R23		10K	7			0603	SMT	SAE	ok
R17,R59,R39,R40,R61,R62,R69		100K	2			0603	SMT	SAE	ok
R78,R84		1K	7			0603	SMT	SAE	ok
R12,R14,R41,R81,R96,R21,R45		1Meg	1			0603	SMT	SAE	ok
R29,R85		15K	2			0603	SMT	SAE	ok
R65		NU_3.3k	1			0603	SMT	SAE	NU
R58,R70		390	2			0603	SMT	SAE	ok
R83,R66,R67,R68		0R	4			0603	SMT	SAE	ok
R57		22k	1			0603	SMT	SAE	ok
R42,R46,R93,R96,R98,R26,R27,R28		NU_4.7k	8			0603	SMT	SAE	NU
R64,R73		NU_0R	2			0603	SMT	SAE	NU
R11,R72		330	2			0603	SMT	SAE	ok
R79,R43		82k	2			0603	SMT	SAE	ok
R37		470	1			0603	SMT	SAE	ok

B.4 Other

X1		Crystal 32.768KHz; 100ppm; 20pF	1	ACT200	ACT	ACAL		oui	SAE ok
X2		Crystal 8.192 MHz; 100ppm; 20pF	1	HC49US_SMX	ACT	ACAL		oui	SAE ok
L1		Self 10uH	1	BB2462-A4103-M	EPCOS		SMT	SAE	ok
L2,L3		ferrite	2	BLM21A102S	murata	0605	SMT	SAE	ok
L4		self 330uH	1	LOH520N331M03	Murata		SMT	SAE	ok
L5		self 68uH	1	ELL6RH680M	Panasonic		SMT	SAE	ok
Q7,Q8,Q9		NPN Transistor	3	BC847BLT1	PHILONS	soT 23	SMT	SAE	ok
Q4		PNP Transistor	1	BC857BLT1	PHILONS	soT 23	SMT	SAE	ok

C Electromechanical

		PCB Logic 1.6mm thickness;	1	CK3000e_CM					SAE
		PWM 9745-3C363-7GD1							
J5		Microphone + JST harness	1	with JST harness	Vansonic				SAE
J5		Speaker header	1	S2B_ZR_SM3A_TF	JST	JST	SMT		SAE ok
J4		Microphone header	1	S2B_ZR_SM3A_TF	JST	JST	SMT		SAE ok
J1		Power suply header	1	S2B_ZR_SM3A_TF	JST	JST	SMT		SAE ok
J6		stereo jack	1	STM_25084C	SEE-PLUS	??	jack-4	SMT	oui
		Speaker	1	9XC5088X - 75BD1	Hy-Q international			SMT	oui
SW1, SW2		Vertical TACT SWITCH	2	TSS 327_JG	Knitter			SMT	ok
SW3, SW4		Horizontal TACT SWITCH	2	TSS 4-RA	Knitter			SMT	oui
		Fuse (800mA/250V)	1	F1 Action Rapide 800mA/250V					SAE
		External RF filtering Microphone	1	??	Konect				Parrot

D Mechanical

70		Top Case	1						Parrot
71		Bottom Case	1						Parrot
72		Front Top Case	1						Parrot
73		Buttons	1						Parrot
74		Volume Control Buttons	1						Parrot
75		Micro Rubber Casing	1						Parrot
76		LED Top	1						Parrot
77		Dome	1						Parrot
78		Wires+ housing	2	ZHR-2	JST	JST			SAE
79		Screw for the case	3	self-tapping screw 2.3mmx10mm tor					SAE
80		Screw for the Dome	4	self-tapping screw 2.0mmx6mm					SAE
81		Front Washer	1						Parrot
82		Side Spring	1						Parrot
83		Front Pin	1						Parrot
84		Spring Col	1						Parrot
85		Col front	1						Parrot
86		Sticker case celalu	1						SAE
87		Bludged rubber Sticker	1						SAE
88		Case painting	1						SAE
89		Button painting	1						SAE

E Packaging

90		Blister's Upper shell	1						Parrot
91		Blister's Lower shell	1						Parrot
92		Front oval card	1						Parrot
93		Rear oval card	1						Parrot
94		adhesive for front card 10x20	2						SAE
95		adhesive for rear card 10x20	1						SAE
96		shipping box	1						SAE
97		sticker for shipping box	1						SAE
98		User's manual	1						Parrot