

## BOM\_SAMOS\_01\_E

Propriété PARROT SA  
document confidentiel

12-janv-05

**A Integrated circuits**

Item n°	Part	Quantity	Reference	Package	Supplier
1	LP2951CD	1	U2	so8	On Semi / NSC
2	PIC16F688-I/SL	1	U3	SO14	MicroChip

**B Passive components****B-1 RESISTOR**

Item n°	Part	Quantity	Reference	Package
3	1R	1	R2	0603
4	27R	1	R13	0603
5	100R	1	R11	1206
6	180R	1	R12	0603
7	220R	1	R17	0603
8	270R	2	R14,R15	
9	1k	1	R16	0603
10	2.2k	2	R10,R8	0603
11	10k	2	R9,R6	0603
12	47K_1%	1	R4	0603
13	82K_1%	1	R3	0603

**B-2 CAPACITOR**

Item n°	Part	Quantity	Reference	Package	
14	100pF_50V_COG	2	C9,C10	0603	TDK
15	10nF_50V_X5R	4	C1,C5,C7,C8	0603	TDK
16	100nF_50V_X5R	1	C4	0603	TDK
17	100nF_25V_X5R	1	C6	0603	TDK
18	1u_25V_X5R	1	C3	0805	TDK
19	10uF_6.3V_X5R	1	C2	0805	TDK

**C DIODES**

Item n°	Part	Quantity	Reference	Package	
20	BZX84C22	1	D1	sot23	
21	TLSU1008	1	D2	0603	TOSHIBA
22	TLGU1008	1	D3	0603	TOSHIBA

**E ELECTROMECHANICAL**

Item n°	Part	Quantity	Reference	Package
23	PCB Logic 1mm (FR4) thickness	1		
24	SKRAAB	2	SW1,SW2	SKRA
25	ENCODER_SW	1	SW3	ENCODER

**F MECHANICAL**

Item n°	Part	Quantity	Description	material	color
26	Samos Operating Button	1	Molding in soft rubber 50% shore A hardness (must be similar to PP+EPDM-VD ) on structural part in ABS PA-777D hight t°		black

27	Samos Button Right&Left	2	ABS PA-777D hight t° + polish + ?? to be 100% similar to General Electric plastics Lexan Optiva STD (BK1A184T)	Pantone Process Black C / lake
28	Samos Led Lens Right&Left	2	PMMA : 60% transparent	
29	Samos main Top	1	ABS PA-777D hight t°	Painted Pantone 8400C metallic
30	Samos Main Bottom	1	ABS PA-777D hight t° + polish + ?? to be 100% similar to General Electric plastics Lexan Optiva STD (BK1A184T)	Pantone Process Black C / lake
31	Samos Cable lock	1	ABS PA-777D hight t° + polish + ?? to be 100% similar to General Electric plastics Lexan Optiva STD (BK1A184T)	Pantone Process Black C / lake
32	Screw	2	Pan head cross recess screw for plastic d=1,6 x l=10mm	black
33	Double-coated foam tape	1	3M acrylic Plus tape PT1100 or / equivalent dimension tbd around 20mm x 10mm	
34	Samos cable	1	Total length 1,40m + microfit connector (Molex 43025-0400) AWG28	black

<b>G</b>	<b>PACKAGING</b>
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Item n°	Part	Quantity	Description
35	Individual BAG ZIPLOC	1	dimensions to be defined
36	mini Tie	1	color black / dimensions should be 100mm
37	Overpack	1/50??	dimensions to be defined
38	Carton box	1/200??	dimensions to be defined