



## Engineering/Bill of Material LIST

Model : DHS1000

NO	Level	Description	Package	Vender	Qty	Unit	Location Number
1	1	PACKING ASSY					
2	.2	USER MANUAL			1	EA	
3	.2	BOX , 100X150X200			1	EA	
4	.2	WIRE-HARNESS ASSY, Basic Cable(USB,Keyboard) BOX		All Tech Korea	1	EA	
5	.2	POLY BAG,			1	EA	
6	.2	SET ASSY					
7	..3	LABEL,Serial Number			1	EA	
8	..3	LABEL, EMICE,FCC. Name			1	EA	
9	..3	MOLD,TOP Cover(Polycarbonate)		All Tech Korea	1	EA	
10	..3	LENS, Indication LED(Polycarbonate)		All Tech Korea	1	EA	
11	..3	MOLD,Head Rubber(Urethane Rubber)		All Tech Korea	1	EA	
12	..3	MOLD, Window Rubber(Polycarbonate + Urethane rubber)		All Tech Korea	1	EA	
13	..3	MOLD, Window (Polycarbonate)		All Tech Korea	1	EA	
14	..3	MOLD, Handle Cover (Polycarbonate + Urethane rubber)		All Tech Korea	1	EA	
15	..3	MOLD, END CAP (Urethane Rubber)		All Tech Korea	1	EA	
16	..3	MOLD, KNOB (Polycarbonate)		All Tech Korea	1	EA	
17	..3	MOLD, KNOB Holder (Polycarbonate)		All Tech Korea	1	EA	
18	..3	SCREW, #2 BT 2.6X10			3	EA	
19	..3	SCREW, #2 BT 2.6X4			4	EA	
20	..3	SCREW, #2 FT 2.6X6			2	EA	

## Engineering/Bill of Material LIST

Model : DHS1000

NO	Level	Description	Package	Vender	Qty	Unit	Location Number
21	...3	PWBA, 1D Hand Scanner DH1010 SENSOR BOARD ASSY					
22	...4	CCD, TCD1304DG (CCD Linear Image Sensor)	22Pin Cerdip	TOSHIBA	1	EA	U11
23	...4	SOCKET, 2.54mm Machined Pin Pitch:10.16mm	22PIN DIP	Hsuan Mao	1	EA	U11
24	...4	Wire-Harness Assy, CCD Cable (SDS1022-0700 포함) 1.25X7		All Tech Korea	1	EA	CN5
25	...4	PCB, 1D Hand Scanner DH1010 SENSOR PCB			1	EA	
26	...4	1D Optics Lens Module (Lens, LED, CASE, SCREW)		DYT	1	SET	
27	...3	PWBA, 1D Hand Scanner DH1010 MAIN BOARD ASSY					
28	...4	IC, AT91SAM7S64	LQFP64	ATMEL	1	EA	U1
29	...4	IC, EM78P156ELM (8bit Micro-Controller)	SOP18	EMC	1	EA	U2
30	...4	IC, ADC1173CIMTC	TSSOP24	National	1	EA	U3
31	...4	IC, SN74LVC14PW	TSSOP14	TI, PHILIPS	1	EA	U6
32	...4	IC, AT24C32AN-10SU-2.7	SOIC8	ATMEL	1	EA	U7
33	...4	IC, LMV358M	SOIC8	National	2	EA	U8, U12
34	...4	X-TAL, 18.432MHz	SMD ATS-SX3	SUNNY	1	EA	X1
35	...4	X-TAL, 20.000MHz	SMD ATS-SX3	SUNNY	1	EA	X2
36	...4	CHIP Capacitor, C-T 10pF/50V	0603 SIZE		2	EA	C2, C3
37	...4	CHIP Capacitor, C-T 15pF/50V	0603 SIZE		3	EA	C4, C5, C16
38	...4	CHIP Capacitor, C-T 47pF/50V	0603 SIZE		1	EA	C1
39	...4	CHIP Capacitor, C-T 100pF/50V	0603 SIZE		1	EA	C12
40	...4	CHIP Capacitor, C-T 1nF/50V	0603 SIZE		2	EA	C10, C33

## Engineering/Bill of Material LIST

Model : DHS1000

NO	Level	Description	Package	Vender	Qty	Unit	Location Number
41	...4	CHIP Capacitor, C-T 10nF/50V	0603 SIZE		1	EA	C11
42	...4	CHIP Capacitor, C-T 0.1uF/50V	0603 SIZE		20	EA	C9,C14,C15,C34~C43, C47~C49,C52~C55
43	...4	CHIP Capacitor, T-T 10uF/16V	B SIZE		7	EA	C58~C60,C63~C65,C67
44	...4	CHIP RESISTOR, 22	0603 SIZE		11	EA	R3~R11,R40,R46
45	...4	CHIP RESISTOR, 47	0603 SIZE		2	EA	R44,R45
46	...4	CHIP RESISTOR, 100	0603 SIZE		1	EA	R38
47	...4	CHIP RESISTOR, 330	0603 SIZE		1	EA	R39
48	...4	CHIP RESISTOR, 470	0603 SIZE		1	EA	R48
49	...4	CHIP RESISTOR, 1K	0603 SIZE		4	EA	R32,R35~R37
50	...4	CHIP RESISTOR, 1.5K	0603 SIZE		2	EA	R13,R14
51	...4	CHIP RESISTOR, 4.7K	0603 SIZE		2	EA	R29,VR4
52	...4	CHIP RESISTOR, 10K	0603 SIZE		21	EA	R15~R19,R21~R28,R34,R50~ R54,VR3,VR5
53	...4	CHIP RESISTOR, 20K	0603 SIZE		2	EA	R12,R42
54	...4	CHIP RESISTOR, 33K	0603 SIZE		1	EA	VR2
55	...4	CHIP RESISTOR, 51K	0603 SIZE		1	EA	VR1
56	...4	CHIP RESISTOR, 100K	0603 SIZE		1	EA	R33
57	...4	CHIP RESISTOR, 200K	0603 SIZE		2	EA	R41,R43
58	...4	CHIP RESISTOR NETWORK, 8PIN 10K	0603 SIZE		2	EA	RN2~RN3
59	...4	CHIP DIODE,LL4148	MiniMELF	DIODES	1	EA	D2

## Engineering/Bill of Material LIST

Model : DHS1000

NO	Level	Description	Package	Vender	Qty	Unit	Location Number
60	...4	CHIP TR,MMBT3904(NPN)	SOT-23	FAIRCHILD	4	EA	Q2~Q5
61	...4	FET, IRLML6401	SOT-23	IOR	1	EA	FET1
62	...4	CHIP FERRITE BEAD, HH-1H3216-500JT	A SIZE	CERATECH	4	EA	FB1,FB9~FB11
63	...4	SWUTC, TACT SWITCH SKRAAQE010	SMD	ALPS	1	EA	SW1
64	...4	LED, RF-OUS15-TS-CE RED	SMD 3516	REFOND	1	EA	LED3
65	...4	LED, RF-GUS150TS-CF GRREN	SMD 3516	REFOND	1	EA	LED4
66	...4	CONNECTOR,SD-53398-0719 1.25mm S/T Type	SMT	Molex	1	EA	CN2
67	...4	CONNECTOR,FPC/FFC 0.5mm 05005HS-18F 18PIN	SMT	YEONHO	1	EA	CN3
68	...4	PCB, 1D Hand Scanner DH1010 MAIN PCB			1	EA	
69	...3	PWBA, 1D Hand Scanner DH1010 HANDLE BOARD ASSY					
70	...4	IC, LM1117MPX-3.3	SOT-223	National,	1	EA	U4
71	...4	IC, 74HC4066PW	TSSOP14	PHILIPS,	1	EA	U5
72	...4	CHIP Capacitor, C-T 15pF/50V	0603 SIZE		2	EA	C6,C7
73	...4	CHIP Capacitor, C-T 33pF/50V	0603 SIZE		1	EA	C8
74	...4	CHIP Capacitor, C-T 47pF/50V	0603 SIZE		4	EA	C26~C29
75	...4	CHIP Capacitor, C-T 0.1uF/50V	0603 SIZE		5	EA	C13,C45,C46,C50,C51
76	...4	CHIP Capacitor, T-T 10uF/16V	B SIZE		2	EA	C61~C62
77	...4	SURFACE MOUNT A/E CAPACITORS, 100uF/16V MV	F60 SMD	SAMYOUNG	2	EA	C56,C57
78	...4	CHIP RESISTOR, 22	0603 SIZE		2	EA	R1,R2
79	...4	CHIP RESISTOR, 1K	0603 SIZE		2	EA	R30,R31

## Engineering/Bill of Material LIST

Model : DHS1000

NO	Level	Description	Package	Vender	Qty	Unit	Location Number
80		CHIP RESISTOR, 10K	0603 SIZE		5	EA	R20,R55~R58
81	...4	CHIP DIODE,LL4148	MiniMELF	DIODES	1	EA	D1
82	...4	CHIP DIODE,BAV99	SOT-23	DIODES	4	EA	D3~,D6
83	...4	CHIP TR,MMBT3904(NPN)	SOT-23	FAIRCHILD	1	EA	Q1
84	...4	CHIP FERRITE BEAD, HH-1H3216-500JT	A SIZE	CERATECH	7	EA	FB2~FB8
85	...4	BELL,MAGNETIC TRANSDUCER 1205X			1	EA	SP1
86	...4	JACK, MODULAR JACK RJ45 10P-10C R/A N3901-S10-001	DIP 10PIN	HANHONG	1	EA	CN1
87	...4	CONNECTOR,FPC/FFC 0.5mm 05003HR-18A01 18PIN	SMT	YEONHO	1	EA	CN4
88	...4	FPC/FFC JUMPER, 0.5mm (Type B-T), 18PIN 80mm		MOLEX	1	EA	
89	...4	PCB, 1D Hand Scanner DH1010 HANDLE PCB			1	EA	
90							
91							
92							
93							
94							
95							
96							
97							
98							
99							