



易思凯贸易有限公司
ESKY Trade CO., LTD

B O M

MODEL:ET106C

REV:01

ITEM	PARTS CODE	NAME	SPECIFICATION	UNIT	AMOUNT	LOCATION	REMARK
1	44-06200030-00	JUMPER	φ 0.6mm L=20mm FOOT=3mm	PCS	1	J1	
2	44-06200030-00	JUMPER	φ 0.6mm L=15mm FOOT=3mm	PCS	1	J7	
3	02-08050000-00	CHIP-RES	Chip-RES SMD 0Ω ±5% 0805 1/10W	PCS	3	J2-4	
4	02-08051020-00	CHIP-RES	Chip-RES SMD 1K ±5% 0805 1/10W	PCS	1	R7	
5	02-08051030-00	CHIP-RES	Chip-RES SMD 10K ±5% 0805 1/10W	PCS	1	R16	
6	02-08051040-00	CHIP-RES	Chip-RES SMD 100K ±5% 0805 1/10W	PCS	1	R15	
7	02-08051220-00	CHIP-RES	Chip-RES SMD 1.2K ±5% 0805 1/10W	PCS	2	R13, R14	
8	02-08052010-00	CHIP-RES	Chip-RES SMD 200Ω ±5% 0805 1/10W	PCS	6	R1-R6	
9	02-08054730-00	CHIP-RES	Chip-RES SMD 47K ±5% 0805 1/10W	PCS	9	R8-R12, R17-20	
10	08-RV125020-00	POT	RV120N-1W-11b0-B502	PCS	2	PIT • TRIM; HOV • PIT	
11	08-RV165020-00	POT	RV16KN-1W-17F0-B502-80° F=4.5mm	PCS	4	CH1-CH4	
12	09-11604760-00	E-CAP	47uF/16V ±20% +105°C MIN E-CAP 5×7mm	PCS	2	C23, C24	
13	12-08051020-00	CHIP-CAP	CAP MULTILAYER 102/50V K 0805	PCS	2	C15, C16	
14	12-08051040-00	CHIP-CAP	CAP MULTILAYER 104/50V M 0805	PCS	20	C1-C6, C8-C13, C17-C22, 25, 26	
15	12-08052500-00	CHIP-CAP	CAP MULTILAYER 25PF/50V M 0805	PCS	2	C13, C14	
16	15-EM78P458-00	CPU IC	EMC EM78P458AM SOL-20	PCS	1	IC1	
17	19-LM78L050-01	REGULATOR	LM78L05 SMD SOT-89	PCS	1	IC2	
18	20-2SC90141-00	TRANSISTOR	Transistor 2SC9014 NPN SMD SOT-23	PCS	1	Q1	
19	23-LL414800-00	DIODE	Fast Switching Diode LL4148 1206 I=150mA	PCS	1	D3	
20	25-1N400400-00	DIODE	M4 (1N4004) Diode 1808 SMD	PCS	1	D1	
21	28-40000001-00	CRYSTAL	Crystal HC-49S Series 4.000MHz ±20ppm H=3.5mm	PCS	1	XY1	
22	35-010CNCL0-00	INDUCTOR	CHOKE COLL CNCL-1R0K 1uH±20%0.18Ω	PCS	1	L1	
23	37-22F25G12-00	SLIDE SW	SS22F25-G12 SPST	PCS	4	SW2-SW5	
24	37-22F25G50-00	SLIDE SW	SS22F25-G5 SPDT	PCS	1	SW7	
25	37-KNX102D2-01	SWITCH	SMALL TYPE KNX102-D2 L: 12mm	PCS	2	CCPM/STD, 3D	
26	37-KNX102D2-01	SWITCH	SWITCH	PCS	3	GYRO • SW, RUN D/R, AIL. ELE D/R	
27	37-KNX112D2-00	SWITCH	SMALL TYPE KNX112-D2 L:21mm	PCS	1	TRM	
28	39-2DDC0500-01	DC JACK	DC JACK DC-05 2.1mm	PCS	1	JACK	



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29	39-4D410400-01	JACK	MDC-4-104	PCS	1		
30	39-4P000001-00	PIN	4PIN PITCH 2.0*12mm	PCS	1	TO TR	
31	39-5P000001-00	PIN	5PIN PITCH 2.54*18mm	PCS	1	TO RF	
32	42-32100010-00	ANT	108×10mm 10 SEGMENT ϕ 3.2 INNER	PCS	1	ANT	
33	42-XA090203-00	WIRE	WHITE&BLACK 26# L=90mm PLATED (XA090203)	PCS	1	TRAIN	
34	42-XA075202-00	WIRE	GREEN&BLACK 26# L=75mm PLATED (XA075202)	PCS	1	CHARGE	
35	42-XA090204-00	WIRE	RED&BROWN 26# L=90mm PLATED (XA090204)	PCS	1	F/B	
36	43-XA250201-00	WIRE	2pin HEAD 26# L=250mm 3mm PLATED (BROWN) (XA250201)	PCS	1	SW7	
37	43-XA040101-00	WIRE	RED&BLACK, 26# L=40mm (XA040101)	PCS	2	Battery Box	
38	43-XA130401-00	WIRE	4Pin HEAD 26# L=130mm 3mm PLATED (XA130401)	PCS	1	Simulator	
39	43-XA250601-00	WIRE	6Pin HEAD 26# L=250mm 3mm PLATED (XA250601)	PCS	1	CON3	
40	43-XA130402-00	WIRE	4Pin HEAD 26# L=130mm 3mm PLATED (XA130402)	PCS	1	Connect	
41	43-XA130002-00	WIRE	12Pin; 4×4Pin HEAD 26# L=90;130mm (XA130002)	PCS	1	VR	
42	43-XA100201-00	WIRE	2Pin DOUBLE HEAD 26# L=100mm (XA100201)	PCS	1	Switch	
43	43-XA200202-00	WIRE	2Pin HEAD 26#; L=200mm (XA200202)	PCS	1	To LCD	
44	43-XA200301-00	WIRE	3PIN WIRE PITCH 2.0mm RED&WHITE&BLACK	PCS	1	A I L. D / R C C P M S W	
45	43-XA200302-00	WIRE	3PIN WIRE PITCH 2.1mm RED&GREEN&BLACK	PCS	1	G Y. S W R U D D / R	
46	39-2D000001-00	CON	2Pin 90° DIP HOLDER T=2.54mm White	PCS	1	CON5	
47	39-3D000001-00	CON	3Pin 90° DIP HOLDER T=2.54mm White	PCS	1	CON7	
48	39-4D000001-00	CON	4Pin 90° DIP HOLDER T=2.54mm White	PCS	1	CON1	
49	52-ET106A00-02	CON	119×72mm Only Layer 94V0-KB T=1.6mm REV:01 (ET106B-3)	PCS	1	PCB2	
50	52-ET106A00-03	PCB	63×35mm Only Layer 94V0-KB T=1.6mm REV:02 (ET106A-2)	PCS	1	PCB3	
51	52-ET106A00-04	PCB	18×21mm Dual Layer FR4 T=1.0mm REV:01 (ET106A-4)	PCS	1	PCB4	
52	BP-EF135A00-00	RF MODULE	EF135A RF MODULE	PCS	1		O P T I O N A L
53	BP-EF140A00-00	RF MODULE	EF140A RF MODULE	PCS	1		O P T I O N A L
54	BP-EF172A00-00	RF MODULE	EF172A RF MODULE	PCS	1		O P T I O N A L
55	BP-ET106A01-00	LCD	ET106A LCD	PCS	1		

APPROVED:

CHECKED:

DESIGNED:



易思凯贸易有限公司
ESKY Trade CO., LTD

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MODEL:LCD BAT. VOL. INDICATOR

REV:01

ITEM	PARTS CODE	NAME	SPECIFICATION	UNIT	AMOUNT	LOCATION	REMARK
1	02-08050000-00	CHIP-RES	Chip-RES SMD $0\Omega \pm 5\%$ 0805 1/10W	PCS	3	J1-J3	
2	02-08051030-00	CHIP-RES	Chip-RES SMD 10K $\pm 5\%$ 0805 1/10W	PCS	1	R1	
3	02-08052002-00	CHIP-RES	Chip-RES SMD 20K $\pm 1\%$ 0805 1/10W	PCS	1	R2	
4	02-08052010-00	CHIP-RES	Chip-RES SMD 200 $\Omega \pm 5\%$ 0805 1/10W	PCS	1	R3	
5	02-08055601-00	CHIP-RES	Chip-RES SMD 5.6K $\pm 1\%$ 0805 1/10W	PCS	1	R4	
6	02-12062010-00	CHIP-RES	Chip-RES SMD 200 $\Omega \pm 5\%$ 1206 1/8W	PCS	1	R5	
7	04-06031010-00	CHIP-RESPACK	RES NCA-4R 1000hm $\pm 5\%$ 50V 1/16W	PCS	1	RP1	
8	12-08051040-00	CHIP-CAP	CAP MULTILAYER 104/50V M 0805	PCS	4	C3-C6	
9	12-08052500-00	CHIP-CAP	CAP MULTILAYER 25PF/50V J 0805	PCS	2	C7, C8	
10	12-35282260-00	CHIP-CAP(TA)	SCS B3528 22uF/16V(1C) M 3528(B TYPE)	PCS	1	C1	
11	12-60321070-00	CHIP-CAP(TA)	SCS C6032 100uF/10V(1A) M 6032(C TYPE)	PCS	1	C2	
12	15-EM78P458-00	CPU IC	EMC EM78P458AM SOL-20 (5.0V Voltage)	PCS	1	IC2	
13	17-HT162100-00	BONDING IC	LCD Controller MCU HT1621 BONDING	PCS	1	IC1	
14	19-AAT32200-00	REGULATOR	AAT3220IQY-3.3 SOT-89 (ANALOGIC)	PCS	1	IC3	
15	24-1N523101-00	ZENER	1N5231B 5.1V/20mA 1206	PCS	1	ZD1	
16	27-BTM403RN-00	LCD	LCD BT-M403RN-380UP LCD Voltage(3V)	PCS	1	LCD	
17	28-40000001-00	CRYSTAL	Crystal HC-49S Series 4.000MHZ ± 20 ppm H=3.5mm	PCS	1	XY1	
18	52-ET106A00-00	PCB	50 \times 30mm Only Layer FR-4 T=1.0mm REV:01	PCS	1	PCB1	

APPROVED:

CHECKED:

DESIGNED: