

2. Parts List

PARTLIST REV.			1.3	DATE	2006.10.17									
NO	ITEM	VENDOR	SPECIFICATION	QUANTITY	LOCATION NUMBER									
					1	2	3	4	5	6	7	8	9	10
1	CAPACITOR, CHIP CERAMIC		22PF $\pm 5\%$ NPO 0603 50V	2	C16	C17								
2	CAPACITOR, CHIP CERAMIC		101 $\pm 5\%$ NPO 0603 50V	4	C45	C46	C48	C49						
3	CAPACITOR, CHIP CERAMIC		103 $\pm 10\%$ X7R 0603 50V	2	C43	C44								
4	CAPACITOR, CHIP CERAMIC		104 $\pm 10\%$ X7R 0603 50V	31	C5	C6	C9	C10	C11	C12	C13	C14	C20	C25
					C26	C29	C31	C32	C33	C34	C35	C36	C37	C38
					C39	C40	C41	C42	C47	C62	C63	C64	C67	C70
					C71									
5	CAPACITOR, CHIP CERAMIC		473 $\pm 10\%$ X7R 0603 25V	7	C52	C53	C54	C55	C56	C57	C58			
6	CAPACITOR, CHIP CERAMIC		474 $+80\%-20\%$ Y5V 0603 16V	2	C7	C8								
7	CHIP RESISTOR		0 $\pm 5\%$ 1/10W 0603	2	R49	R50								
8	CHIP RESISTOR		0 $\pm 5\%$ 1/8W 1206	2	L11	L12								
9	CHIP RESISTOR		10 $\pm 5\%$ 1/10W 0603	8	R4	R5	R6	R7	R8	R9	R10	R11		
10	CHIP RESISTOR		33 $\pm 5\%$ 1/10W 0603	4	R55	R56	R57	R58						
11	CHIP RESISTOR		75 $\pm 5\%$ 1/10W 0603	3	R64	R65	R66							
12	CHIP RESISTOR		100 $\pm 5\%$ 1/10W 0603	12	R31	R32	R33	R34	R35	R36	R37	R38	R39	R40
					R41	R42								
13	CHIP RESISTOR		200 $\pm 5\%$ 1/10W 0603	1	R29									
14	CHIP RESISTOR		390 $\pm 5\%$ 1/10W 0603	1	R59									
15	CHIP RESISTOR		470 $\pm 5\%$ 1/10W 0603	1	R63									
16	CHIP RESISTOR		510 $\pm 5\%$ 1/10W 0603	1	R72									
17	CHIP RESISTOR		820 $\pm 5\%$ 1/10W 0603	1	R54									
18	CHIP RESISTOR		1K $\pm 5\%$ 1/10W 0603	2	R3	R71								
19	CHIP RESISTOR		4.7K $\pm 5\%$ 1/10W 0603	9	R14	R27	R28	R44	R45	R46	R47	R48	R70	
20	CHIP RESISTOR		10K $\pm 5\%$ 1/10W 0603	13	R15	R16	R17	R18	R19	R20	R21	R22	R23	R24
					R25	R26	R60							
21	CHIP RESISTOR		22K $\pm 5\%$ 1/10W 0603	4	R2	R30	R43	R73						
22	CHIP RESISTOR		300K $\pm 5\%$ 1/10W 0603	1	R1									
23	CHIP BEAD		0 Ohm 0805 2A	1	L1									
24	CHIP BEAD		HH 80 Ohm 0603 2A	10	L4	L5	L6	L7	L8	L9	L10	R53	R61	R62

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25	Al. CAPACITOR		SD – TYPE (10UF/16V ±20% 5*11 -40℃~105℃)	3	C18	C19	C24							
26	Al. CAPACITOR		SD – TYPE (100UF/16V ±20% 5*11 -40℃~105℃)	2	C65	C66								
27	Al. CAPACITOR		SD – TYPE (100UF/25V ±20% 6.3*11 -40℃~105℃)	2	C15	C69								
28	Al. CAPACITOR		SD – TYPE (220UF/25V ±20% 8*12 -40℃~105℃)	2	C59	C60								
29	Al. CAPACITOR		SD – TYPE (470UF/16V ±20% 8*12 -40℃~105℃)	5	C1	C2	C3	C4	C61					
30	INDUCTOR		TPRH1206–330M 33UH 3A SMD	1	L3									
31	DIODE		BAV99 SOT23	11	D1	D2	D3	D4	D5	D6	D7	D8	D19	D20
					D21									
32	DIODE		1SS184 SOT23	1	D13									
33	DIODE		SS34/SK34 40V 3A	1	D22									
34	Z-DIODE		5.1V 0.5W SOD323	5	D14	D15	D16	D17	D18					
35	Z-DIODE		5.6V/0.5W SOD323	4	D9	D10	D11	D12						
36	TRANSISTOR		2SC1623 SOT23	2	Q1	Q4								
37	TRANSISTOR		MMBT3904 SOT23	1	Q2									
38	TRANSISTOR		KTA1504S SOT23	1	Q3									
39	IC	FAIRCHILD /CEM/CET	FDS9435A SO8	1	Q5									
40	IC		ST7496L DI DIP20	1	U1									
41	IC	MSTAR	TSUM56AL–LF /TSUM56AL–LF–1 QFP100P	1	U2									
42	IC	ATMEL /MICROCHIP /ROHM	24C08–SI27 SO8	2	U3	U4								
43	IC	SST/MSTAR	SST25VF512A–33 /M25P05VPCE100 SO8	1	U6									
44	REGULATOR	ANACHIP /AE /LM	AP1501–50 /CAT7104CU5V TO263	1	U5									
45	REGULATOR		AP1117–33 SOT223	1	U8									
46	REGULATOR		AP1117–18 SOT223	1	U9									
47	CRYSTAL		14.318MHZ ±30PPM 22PF 49S SMD	1	X1									
48	WAFER		DF14–30P/1.25 WEP RIGHT ANGLE	1	J5									
49	WAFER		PH–12A 2.0mm STRAIGHT	1	J6									
50	WAFER		PH–8A 2.0mm STRAIGHT	1	J8									
51	WAFER		PH–4A 2.0mm STRAIGHT	1	J4									

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52	JACK		PHONE JACK CKX3-3.5-11	2	J1	J2								
53	JACK		DC JACK JACK-DC- 2.5mm	1	J11									
54	CONNECTOR		DVI-24+1(DVI-D-1) RIGHT ANGLE (HEXAGONAL 4.57mm SEPARATION TYPE)	1	J7									
55	CONNECTOR		DB-15/S 15P D-SUB 2.29mm FEMALE RIGHT ANGLE (HEXAGONAL 4.75mm SEPARATION TYPE)	1	J10									
56	PCB		MV179 (FR-4 2LAYER 1.6T 75mm*137mm)	1	DATE: 2006.10.17 REV:1.3									