

B.O.M	PROJECT NAME	: ADPOP	ISSUE DATE	: 2012. 03.30	0/5	8105	AMOUNT
	RELEASE VERSION	: VER 0.7	FOREIGN EXCHANGE RATES	USD	₩1.150		₩0
	EVENT STATUS	: PP		JPY	₩14.00		\$0.00
	EDITOR	: RICHTEK	KEB	CHY			#DIV/0!

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NO.	ITEM	DESCRIPTION	DETAIL			PKG-LEAD	Q'TY	M.O.Q	MANUFACTURER	REFERENCE NO.	REMARK	CONTACT POINT			
			VALUE	VLOTAGE	TOL							UNIT PRICE(W)	SET PRICE(W)	MOBILE	E-MAIL
MAIN PCB ASS'Y [PB-FREE]															
CHIP CAPACITOR															
1		MLCC CAPACITOR	DNP			1005	23			C37, C81, C83 C85, C86, C87, C99, C100, C107, C108, C111, C144, C147, C182, C185, C207, C220, C228, C229, C249, C260, C261, C262					
2		MLCC CAPACITOR	DNP			1608	4			C180, C188, C189, C241					
3		MLCC CAPACITOR	15 pF			1005	4		ANY	C80, C82, C84, C88					
4		MLCC CAPACITOR	22 pF			1005	4		ANY	C221, C232, C290, C293					
5		MLCC CAPACITOR	100 pF			1005	4		ANY	C190, C191, C192, C219					
6		MLCC CAPACITOR	1 nF	10V		1005	7			C3, C10, C17, C265, C295, C300, C301					
7		MLCC CAPACITOR	1.8 nF	10V		1005	1			C79					
8		MLCC CAPACITOR	10 nF	10V		1005	6			C4, C11, C18, C217, C227, C274					
9		MLCC CAPACITOR	100 nF	10V		1005	154		ANY	C5, C12, C19, C33, C34, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C57, C58, C60, C61, C62, C64, C65, C66, C67, C68, C69, C70, C71, C72, C73, C74, C75, C76, C77, C78, C89, C91, C93, C94, C95, C96, C97, C98, C102, C103, C105, C106, C109, C112, C113, C114, C115, C116, C118, C119, C120, C140, C121, C122, C123, C124, C125, C126, C127, C128, C129, C130, C131, C132, C133, C134, C135, C136, C137, C138, C139, C145, C149, C151, C153, C160, C161, C162, C164, C165, C166, C167, C168, C169, C170, C171, C172, C173, C176, C177, C181, C183, C184, C186, C187, C193, C197, C199, C202, C204, C205, C208, C209, C210, C211, C213, C214, C215, C223, C224, C225, C226, C230, C231, C234, C235, C236, C242, C247, C248, C250, C253, C254, C257, C263, C275, C278, C279, C284, C285, C287, C288, C289, C292, C294, C296, C297, C299, C303, C304, C305					
10		MLCC CAPACITOR	1uF	10V		1005	6			C244, C246, C336, C337, C338, C339					
11		MLCC CAPACITOR	1uF	15V		1608	3			C200, C203, C216					
12		MLCC CAPACITOR	2.2uF	10V		1608	12			C24, C56, C59, C63, C90, C92, C152, C195, C198, C238, C240, C264					
13		MLCC CAPACITOR	4.7uF	10V		2012	7			C159, C194, C206, C222, C233, C272, C273					
14		MLCC CAPACITOR	10 uF	10V		3216	28			C1, C2, C7, C8, C9, C14, C15, C16, C21, C23, C26, C28, C30, C32, C36, C110, C117, C196, C201, C212, C218, C282, C286, C291, C298, CT1, CT2, CT3					
15		MLCC CAPACITOR	22uF	10V		3216	9			C6, C13, C20, C22, C25, C27, C29, C31, C35					
CHIP RESISTOR															
16		THICK FILM CHIP RESISTOR	DNP			1005	66		ANY	R2, R7, R12, R16, R17, R18, R22, R23, R24, R25, R36, R48, R50, R55, R57, R58, R61, R62, R63, R67, R75, R79, R82, R83, R91, R98, R104, R113, R114, R120, R121, R128, R137, R148, R157, R159, R166, R170, R185, R195, R197, R200, R202, R207, R209, R212, R220, R223, R224, R225, R226, R232, R237, R244, R245, R247, R268, R269, R270, R271, R272, R273, R274, R279, R364, R365					
17		THICK FILM CHIP RESISTOR	0 Ω	50V		1005	40		ANY	R19, R20, R21, R37, R38, R39, R47, R95, R96, R99, R106, R112, R129, R130, R131, R132, R133, R135, R138, R139, R140, R141, R142, R144, R145, R147, R150, R151, R174, R176, R186, R213, R216, R219, R227, R236, R239, R241, R252, R365					
18		THICK FILM CHIP RESISTOR	0 Ω	50V		2012	2		ANY	R217, R246					
19		THICK FILM CHIP RESISTOR	2.4 Ω	50V	F	1005	2		ANY	R163, R164					
20		THICK FILM CHIP RESISTOR	10 Ω	50V		1005	1		ANY	R264					
21		THICK FILM CHIP RESISTOR	22 Ω	50V		1005	13		ANY	R173, R177, R178, R179, R180, R182, R183, R184, R187, R188, R189, R191, R192					
22		THICK FILM CHIP RESISTOR	44.2 Ω	50V	F	1005	2		ANY	R85, R89					
23		THICK FILM CHIP RESISTOR	49.9 Ω	50V	F	1005	4		ANY	R258, R259, R260, R266					
24		THICK FILM CHIP RESISTOR	75 Ω	50V		1005	4		ANY	R254, R255, R261, R265					

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			VALUE	VLOTAGE	TOL							UNIT PRICE(W)	SET PRICE(W)	MOBILE	E-MAIL
25		THICK FILM CHIP RESISTOR	100 Ω	50V		1005	2		ANY	R51, R69					
26		THICK FILM CHIP RESISTOR	220 Ω	50V		1005	1		ANY	R233					
27		THICK FILM CHIP RESISTOR	240 Ω	50V	F	1005	3		ANY	R54, R70, R152					
28		THICK FILM CHIP RESISTOR	510 Ω	50V		1005	10		ANY	R107, R109, R110, R111, R251, R262, R275, R276, R277, R278					
29		THICK FILM CHIP RESISTOR	680 Ω	50V		1005	1		ANY	R181					
30		THICK FILM CHIP RESISTOR	1 K Ω	50V		1005	18		ANY	R26, R27, R28, R29, R30, R40, R41, R42, R43, R44, R78, R93, R153, R154, R218, R248, R280, R283					
31		THICK FILM CHIP RESISTOR	2 K Ω	50V		1005	2		ANY	R31, R45					
32		THICK FILM CHIP RESISTOR	3 K Ω	50V		1005	2		ANY	R46, R263					
33		THICK FILM CHIP RESISTOR	4.7 K Ω	50V		1005	25		ANY	R97, R100, R102, R105, R108, R116, R117, R118, R119, R122, R123, R124, R125, R126, R127, R155, R161, R165, R167, R169, R171, R172, R206, R234, R281					
34		THICK FILM CHIP RESISTOR	4.99 K Ω	50V	F	1005	1		ANY	R14					
35		THICK FILM CHIP RESISTOR	5.6 K Ω	50V		1005	1		ANY	R175					
36		THICK FILM CHIP RESISTOR	5.9 K Ω	50V	F	1005	1		ANY	R149					
37		THICK FILM CHIP RESISTOR	6.19 K Ω	50V	F	1005	1		ANY	R156					
38		THICK FILM CHIP RESISTOR	6.8 K Ω	50V	F	1005	1		ANY	R256					
39		THICK FILM CHIP RESISTOR	10 K Ω	50V		1005	23		ANY	R3, R8, R13, R56, R60, R71, R73, R77, R80, R84, R87, R88, R92, R94, R103, R162, R221, R222, R229, R230, R253, R257, R514					
40		THICK FILM CHIP RESISTOR	10 K Ω	50V	F	1005	3		ANY	R5, R15, R158					
41		THICK FILM CHIP RESISTOR	10.2 K Ω	50V	F	1005	1		ANY	R10					
42		THICK FILM CHIP RESISTOR	12.7 K Ω	50V	F	1005	1		ANY	R9					
43		THICK FILM CHIP RESISTOR	30 K Ω	50V		1005	9		ANY	R1, R6, R11, R101, R208, R210, R211, R214, R215					
44		THICK FILM CHIP RESISTOR	31.1 K Ω	50V	F	1005	1		31.6K 내치	R4					
45		THICK FILM CHIP RESISTOR	47 K Ω	50V		1005	19		ANY	R32, R33, R34, R35, R134, R136, R143, R146, R190, R193, R194, R196, R198, R199, R201, R203, R204, R205, R250					
46		THICK FILM CHIP RESISTOR	47 K Ω	50V	F	1005	4		ANY	R49, R52, R53, R59					
47		THICK FILM CHIP RESISTOR	51 K Ω	50V		1005	1		ANY	R249					
48		THICK FILM CHIP RESISTOR	100 K Ω	50V		1005	7		ANY	R72, R74, R81, R90, R160, R238, R243					
49		THICK FILM CHIP RESISTOR	200 K Ω	50V		1005	1		ANY	R242					
50		THICK FILM CHIP RESISTOR	240 K Ω	50V	F	1005	1		ANY	R152					
51		THICK FILM CHIP RESISTOR	470 K Ω	50V	F	1005	4		ANY	R64, R65, R66, R68					
52		THICK FILM CHIP RESISTOR	1 M Ω	50V		1005	2		ANY	R86, R240					
53		THICK FILM CHIP RESISTOR	10 M Ω	50V		1005	1		ANY	R76					
TRIMMERS															
54		SURFACE MOUNT CERMET TRIMMERS	DNP (10 K Ω)			SMD	1			R168					
POWER INDUCTOR															
55		POWER INDUCTOR	LPF3513T-100M			SMD	2		ABCO	L3, L4					
56		POWER INDUCTOR	LPF6028T-2R2M			SMD	3		ABCO	L1, L2, L7					
CHIP FUSE															
57		CHIP FUSE	3216FF2A			3216	1		COOPERBUSSMANN	F1					
CHIP BEAD															
58		CHIP BEAD	HB-1T1608-221JT			1608	17		CERATECH	B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, FB1, FB2, FB3, FB4, FB6, FB7, FB8					
LED															
59		CHIP LED	BLUE			1608	5			LED1, LED3, LED4, LED5, LED101					
60		CHIP LED	RED			1608	5			LED6, LED9, LED10, LED11, LED102					
TRANSISTOR															

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61		NPN TR	MMBT3904			SOT-23	2		ANY	Q9, Q14					
62		NPN TR	DNP (MMBT3904)			SOT-23	1		ANY	Q7					
MOS-FET															
63		P-CHANNER MOS-FET	SI2301BDS			SOT-23	2		VISHAY	Q8, Q13					
64		P-CHANNER MOS-FET	DNP (SI2301BDS)			SOT-23	1		VISHAY	Q6					
65		N-CHANNER MOS-FET	DNP (2N7002LT1)			SOT-23	3		ON-SEMI	Q2, Q3, Q5					
DIODE															
66		ZENER VOLTAGE REGULATORS	MMSZ5235B			SOD-123	1		ON-SEMI	D2					
67		ZENER VOLTAGE REGULATORS	MMSZ5246B			SOD-123	1		ON-SEMI	D3					
68		SCHOTTKY BARRIER DIODE	BAT545			SOT-23	2		ANY	D1, D6					
69		SCHOTTKY BARRIER DIODE	RB161M-20			SOD-123	6		ROHM	D4, D5, D7, D8, D10, D11					
70		SCHOTTKY BARRIER DIODE	RB551V-30				2		ROHM	D9, D501					
CHIP IC															
71		MICROPROCESSOR	CLM9721			FBGA 620	1		CORELOGIC	U1					
72		I2S AUDIO CODEC	ALC5623			QFN-32	1		REALTEK	U29					
73		ETHERNET CONTROLLER	DM9000A			LQFP-48	1		DAVICOM	U103					
74		WHITE LED STEP-UP	EUP2571			SOT--23-5	1		EUTECH	U25					
75		WHITE LED STEP-UP	EUP2584			SOT--23-6	1		EUTECH	U28					
76		DDR2 SDRAM	K4T1G164QF-BC			FBGA 84	4		SAMSUNG	U2, U3, U4, U5					
77		NAND FLASH	K9GAG08U0F-SCB0/O1				1		SAMSUNG	U16					
78		3-AXIS ORIENTATION/MOTION SENS	DNP (MMA7660FC)			10LEAD DFN	1		FREESCALE	U33					
79		LDO	XC6210A-331 (3.3V)			SOT23-5	3		Torex	U8, U31, U35					
80		LDO	XC6210A-281 (2.8V)			SOT23-5	1		Torex	U9					
81		LDO	XC6210A-121 (1.2V)			SOT23-5	1		Torex	U21					
82		LDO	DNP (XC6210A-121 (1.2V))			SOT23-5	1		Torex	U18					
83		LDO	DNP (XB1117-281 (2.8V))			SOT-223	1		Torex	U27					
84		VAUX POWER SWITCHES	DNP (TPS2105)			DBV	2		TEXAS INSTRUMENTS	U30, U32					
85		I2C TOUCH SCREEN CONTROLLER	DNP (TSC2003)			TSSOP-16	1		TEXAS INSTRUMENTS	U6					
86		8-BIT MICROCONTROLLER	DNP (MC81F43165)			SSOP-24	1		ABOV	U7					
87		REGULATOR	AX1117-E33A			SOT-223	1		AXELITE	U10					
88		CAPACITIVE	GT106M			UQFN-20	1		GREENCHIP	U14					
89		AUDIO POWER AMP	HT82V733			SOP-8	1		HOLTEK	U34					
90		ZINPUT AND GATE	KIC7508FU			USV	1		KEC	U36					
91		DCDC CONVERTOR (BUCK)	IK5302			SOP-8	3		IKSEMICON	U37, U38, U39					
92		RS232 DRIVERS AND RECEIVERS	ST3222EBPR			SSOP20	1		ST	U11					
93		USB TO UART BRIDGE	CP2103			QFN-28	1		SILICON LABS	U23					
WIFI MODULE															
94		WIFI	WM-294				1		CC&C	M1					
NFC MODULE															
94		NFC MODULE					1		DUAL I	M2					
CRYSTAL															
95		QUARTZ CRYSTAL UNIT	24 MHZ	±30ppm		GX-325S SMD	1			Y1					
96		QUARTZ CRYSTAL UNIT	25 MHZ	±30ppm		GX-325S SMD	1			Y101					
97		QUARTZ CRYSTAL UNIT	DNP (27MHZ)	±30ppm		GX-325S SMD	2			Y4, Y5					
98		QUARTZ CRYSTAL UNIT	32.768 MHZ	±30ppm		SSP-17-F	1		SII	Y3					
99		QUARTZ CRYSTAL UNIT	DNP (8 MHZ)	±30ppm		HC-49/S SMD	1			XTAL102					
100		OSCILLATOR	HXO-56	±30ppm		HC-49/S SMD	1			X3					
SWITCH (TACT N' SLIDE SW)															
101		TACK SWITCH	IT-1102			SMD	2		GREEN ELECTRONICS	SW1, SW2					
102		SLIDE SWITCH	DNP (SSSS81101)			SMD	2		ALPS	SW3, SW4					
MIC															
103		MIC	DNP				1			MIC1					

