

BKS-4800M PartList

No	Item	Description	Vendor's Part Number	Vendor	Q'ty	Unit	내/외자	Design Number	Agent
1	IC	IC-MPU,S3C2410X 32-Bit RISC Microprocessor, FBGA-272	S3C2410a	Samsung	1	EA	내자	U1	유니퀘스트
2	Regulator	3A Step-Down Voltage Regulator,TO-263 (S)	LM2576S-5.0		1			U2	
3	TR	CHIP-TR, DTC143EE, EMT3	DTC143EE	ROHM	4	EA		Q1,Q2,Q3,Q4	
4	IC	SDRAM 64Mbit(8Mbyte*16bit), 7.5ns,TSOP-54	samsung K4S641632D-TC75, hynix HY57V641620HG	SAMSUNG, hynix	2	EA	내자	U6,U8	삼성광전
5	IC	NAND FLASH,K9F6408U0B,TSOP2 - 400F	K9F6408U0B		1	EA	내자	U7	시스템크
6	IC	DC-DC converter, TSSOP	MAX1692EUB	Maxim	1	EA	내자	U5	다원전자
7		8-Bit Dual Supply Translating Transceiver with 3-STATE Outputs, TSSOP	74LVX3245MTC		4			U9,U10,U11,U12,U13,U14	
8	IC	3-state output drive bus lines or buffer, TSSOP	MM74HC244MTC	Fairchild	2	EA	내자	U15,U16	삼성광전
9	IC	Innverter, MAA05A	NC7SZ04P5		1	EA	내자	U26,U28	SERVE TECH
10	IC	IC-RS232,SERIAL 2DRIVER&2TRANSMIT, TSSOP-16PIN	SP3232ECY	SIPEX	1	EA	내자	U21	Chip Gate
11	IC	IC-REGULATOR, EZ1117CST-3.3, SOT-223	EZ1117-3.3	SEMTECH	1	EA	내자	U3	세미트론
12	RTC ic	Trickle Charge Timekeeping Chip	DS1302S		1			U24	
13		i2Chip, LQFP	W3100A		1			U25	
14	Phy ic	Single port 10/100Mbps Fast Ethernet Phyceiver, LQFP	RTL8201LQFP48		1			U27	
15		Hex Buffers with High Voltage Open-Collector Outputs	DM7407M		1			U29	
16	D-Tr	High voltage, high current Darlington transistor array, SOP16	BA12003BF		1			U4	
17	RS-485 ic	Multipoint RS-485/RS-422 Transceivers, SO8	DS75176BM		2			U20,U23	
18	Voice ic	VOICE SYNTHESIS LSI, SOP24	MLC1043S		1			U17	
19	Amp	Low Voltage Audio Power Amplifier, SO8	LM386M-1		1			U18	
20	p/c	4-PIN PHOTOTRANSISTOR OPTOCOUPPLERS, SMD	H11A817(pc-17k1c)		2			U19,U22	
21	Switch	Reset Switching (DJTA-1205 SMD)	DJTA-1102VL	DAE JUNG	1	EA	내자	S1	DAE JUNG
22	Switch		DJPV-222(KPA2201)	DAE JUNG	1			S2	
23	Switch	Slide Switch	TS-13P		1			S3	
24	Connector		1251R-02-SMD-TR		1			J18	K2
25	Connector		1251S-03-SMD-TR					J1	K2
26	Connector	1251S-05-SMD	1251S-05-SMD-TR	ALMITA	1	EA	내자	J17	K2
27	Connector		1251S-07-SMD-TR		1			J15	K2
28			AK550 3.5/6		1			J2	
29			AK550 3.5/5		1			J3	
30			AK550 3.5/8		1			J9	
31		HIGH SPEED ASYMMETRICAL TVS ARRAY	PSM712		2			Z4,Z6	

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32	Chip/TVS	Transient Voltage Suppressor Diode, 5V, SOT23	PSOT05C	PROTEK	6	EA	내자	Z1,Z2,Z3,Z5,Z7,Z8	아메리텍
33	바리스터		DSP-301N-A21F		4			ZN1,ZN2,ZN3,ZN4	
34	전해Capacitor	RGV series, SMD type, 220uF/16V, 8*10.5	220uF/16V		2			C57,EC4	
35		RGV series, SMD type, 470uF/16V, 8*10.5	470uF/16V		2			EC7,EC8	
36	Chip/Tantal	CAP-TANTAL,100uF/6.3V, TYPE D	100uF/6.3V-D		1			EC6	
37	Chip/Tantal	CAP-TANTAL,10uF/16V, TYPE A	10uF/16V-A		7	EA	내자	C27,C29,EC1,EC5,EC9,EC18,EC24	DELTA CORP.
38	Chip/Tantal	CAP-TANTAL,47uF/6.3V, TYPE A	47uF/6.3V-A		1	EA	내자	EC10	DELTA CORP.
39	Chip/Tantal		4.7uF/16V-A		4			EC14~EC17	
40	Chip/Tantal		1uF/16V-A		5			EC19~EC23	
41	Chip/Tantal	CAP-TANTAL,22uF/6.3V, TYPE A	22uF/6.3V-A		5			EC2,EC3,EC11~EC13	
42	Chip/Capacitor	CAP-CERAMIC,104,SMD1608	100nF		71	EA	내자	C5~C26,C28,C31~C56,C59,C61,C68~C70,C72~C80,C84~C89,C100,C109	DELTA CORP.
43	Chip/Capacitor	CAP-CERAMIC,105,SMD1608	1uF		5	EA	내자	C58,C62~C65	DELTA CORP.
44	Chip/Capacitor	CAP-CERAMIC,471,SMD1608	470p		1	EA	내자	C67	DELTA CORP.
45	Chip/Capacitor	CAP-CERAMIC,331,SMD1608	330p		2	EA	내자	C66	DELTA CORP.
46	Chip/Capacitor	CAP-CERAMIC,470,SMD1608	47p		9	EA	내자	C30,C92~C99	DELTA CORP.
47	Chip/Capacitor	SMD1608	5p		2			C3,C4	
48	Chip/Capacitor	SMD1608	10nF		1			C60	
49	Chip/Capacitor	SMD1608	15p		2			C82,C83	
50	Chip/Capacitor	SMD1608	20p		1			C81	
51	Chip/Capacitor	SMD1608	22p		2			C1,C2	
52	Chip/Capacitor	SMD1608	100p		15			C90,C91,C101~C108,C110~C114	
53	super Capacitor		EECF5R5U224		1			C71	
54	Chip/Resistor	RES,100,J,SMD1608	10Ω		2			R31,R85	
55	Chip/Resistor	RES,220,J,SMD1608	22Ω	ROHM	2	EA	내자	R6,R26	DELTA CORP.
56	Chip/Resistor	RES,470,J,SMD1608	47Ω		1			R56	
57	Chip/Resistor	RES,510,J,SMD1608	51Ω		4			R54,R55,R58,R59	
58	Chip/Resistor	RES,221,J,SMD1608	220Ω		1			R53	
59	Chip/Resistor	RES,331,J,SMD1608	330Ω		22			R14,R32,R34,R40,R86~R90,R93~106	
60	Chip/Resistor	RES,471,J,SMD1608	470Ω	ROHM	1	EA	내자	R41	DELTA CORP.
61	Chip/Resistor	RES,333,J,SMD1608	33kΩ	ROHM	1	EA	내자	R9	DELTA CORP.
62	Chip/Resistor	RES,0,J,SMD1608	0Ω	ROHM	6	EA	내자	R5,R25,R28,R81,R83,R84	DELTA CORP.
63	Chip/Resistor	RES,472,J,SMD1608	4.7kΩ	ROHM	15	EA	내자	R1~R4,R7,R22~R24,R44,R48~R52,R82	DELTA CORP.
64	Chip/Resistor	RES,330,J,SMD1608	33Ω	ROHM	2	EA	내자	R38,R91	DELTA CORP.

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65	Chip/Resistor	RES,102,J,SMD1608	1kΩ		12			R60,R61,R63~R68,R70,R72,R74, R76	
66	Chip/Resistor	RES,512,J,SMD1608	5.1kΩ		5			R62,R69,R71,R73,R75	
67	Chip/Resistor	RES,103,J,SMD1608	10kΩ	ROHM	15	EA	내자	R10~R12,R33,R35~R37, R39,R42,R43,R77~R80,R92	DELTA CORP.
68	Chip/Resistor	RES,223,J,SMD1608	22kΩ		5			R15~R18,R20	
69	Chip/Resistor	RES,473,J,SMD1608	47kΩ		1			R30	
70	Chip/Resistor	RES,202,J,SMD1608	2kΩ		1			R57	
71	Chip/Resistor	RES,1383,F,SMD1608	138kΩ(140kΩ)	ROHM	1	EA	내자	R19	DELTA CORP.
72	Chip/Resistor	RES,304,F,SMD1608	300kΩ	ROHM	1	EA	내자	R21	DELTA CORP.
73			non		0			R8,R27,R29,R45~R47	
74	Chip/Array Res.	ARRAY-RES,220,J,RAC 16 4D MNR14	MNR22Ω		3			NR3,NR4,NR5	
75	Chip/Array Res.	ARRAY-RES,330,J,RAC 16 4D MNR14	MNR33Ω	ROHM	1	EA	내자	NR6	시스텍
76	Chip/Array Res.	ARRAY-RES,104,J,RAC 16 4D MNR14	MNR10kΩ		3			NR1,NR2,NR7	
77		WIW1036-P, VR30k	VR30kΩ		1			VR1	
78		CHIP-BEAD, 102,1608	HB-1T1608-102		6			L3,L4,L8,L9,L10,L11	
79	Inductor	CHIP-BEAD, 102,2012	HB-1T2012-102	CERATECH	3	EA	내자	L2,L6,L7	시스텍
80	Inductor	CHIP-BEAD, 150,2012	HB-1T2012-150	CERATECH	4	EA	내자	B1,B2	시스텍
81		CD105	CD105-101K	MCM	1			L1	
82	Inductor	SMD Power inductor, CR43-100	CR43-100	Sumida	1	EA	내자	L5	세미텍
83			NFA31GD1006R84D		20			RC1~RC20	
84			NFM18PC104R1C3D		4			TC1,TC2,TC3,TC4	
85			BLA31AG300SN4D		1			AFB1	
86			ACH3218-103-T		4			EMC1,EMC2,EMC3,EMC4	
87			BLM18PG121SN1D		4			FB1,FB2,FB3,FB4	
88	DIODE	Schottky barrier diode	RB051L-40		2			D1,D2	
89	LED	SMD1608 RED	LTST-C190CKT		2			D3,LED12	
90	LED	SMD1608 GREEN	LTST-C190GKT		5			LED1~LED5	
91	LED	SMD1608 BLUE	LTST-C190TBKT		18			LED6~LED11,LED13~LED24	
92	Connector	FPC CONNECTOR-20PIN,SMD TYPE	BL112-20RL	ALMITA	1	EA	내자	J13,J14	K2
93	Connector	FPC CONNECTOR-40PIN,SMD TYPE	BL112-40RL		1			J12	K2
94	Connector	RJ-11 connector	7950-6p4c		1			J16	
95	FFC Cable	Flexible Flat Cable,Pitch*Pin*Lenth*Cable type*Size	0.5*20*115*D*(3/3/5/5)	영신	1	EA	내자		영신
96	Buzzer	Buzzer	BTB-16P5(HC12-105)		1			BZ1	
97	Relay Switch	TQ2SA-5V - SMD Relay	TQ2SA-5V	NAIS				RY1,RY2	
98	OSC	OSC 12MHz, CERAMIC OSCILLATOR	OSC 12Mhz(MXO 20)-3.3v	신성소전자	1	EA	내자	OSC1	신성소전자
99	OSC	OSC 25MHz, CERAMIC OSCILLATOR	OSC 25Mhz(MXO 20)-3.3v					OSC2	
100	X-TAL	X-TAL 32.768KHz, SMD TYPE	32.768KHz	신성소전자	1	EA	내자	Y1,Y2	신성소전자
101			MiniSMD110	Raychem	1			R13	
102	Header	SINGLE IN LINE MODULAR HEADER,2.54mm,12PIN	HD1X03	Preci-dip	1	EA	내자	J4	석영전자
103			HD1X02		0			SW1	

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104			HD2X03		1			J8	
105			MW05R		1			J7	
106			MW04R	AUK	1			J10	
107			MW02R		2			J5,J6	
108			P02-102-11A9		1			J11	
109	PCB	1.6t	BKS-4700 Rev1a		1	EA	내자		
	LCD		MTB-230 Blue STN negative		1	EA			
	경통								

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