

## KAT17AD-03BOM

data : 2005/03/14

NO	Specification	TYPE	DVI+ Audio		
			Loc. No	Q'ty	
RESISTOR					
1	Chip Resistor, 0R, 1/10W J R/TP, GLAZ	SMD1608	R16,R17,R108,R135,R136,R138,R177,R181,R120	9	
1	Chip Resistor, 0R, 1/6W J R/TP, GLAZ	SMD3216	L108	1	
2	Chip Resistor, 4.7R, 1/4W J R/TP, GLAZED	SMD3216	R111	1	
3	Chip Resistor, 33R, 1/10W J R/TP, GLAZ	SMD1608	R48,R50,R159,R161	4	
4	Chip Resistor, 75R, 1/10W J R/TP, GLAZED	SMD1608	R122,R123,R124	3	
5	Chip Resistor, 100R, 1/10W J R/TP, GLAZED	SMD1608	R15,R90,R91,R92,R93,R95,R96,R97,R103,R105,R125, R126,R127,R128,R129,R130,R131,R133,R148,R150,R162	23	
6	Chip Resistor, 150R, 1/10W J R/TP, GLAZED	SMD1608	R141,R143,R145,R165	4	
7	Chip Resistor, 220R, 1/10W J R/TP, GLAZED	SMD1608	R172,R169	2	
8	Chip Resistor, 390R, 1/10W 1% R/TP, GLAZED	SMD1608	R121	1	
9	Chip Resistor, 470R, 1/10W J R/TP, GLAZED	SMD1608	R32,R144	2	
10	Chip Resistor, 1K, 1/10W J R/TP, GLAZED	SMD1608	R98,R109,R154,R155,R156,R174,R175	7	
11	Chip Resistor, 4.7K, 1/10W J R/TP, GLAZED	SMD1608	R86,R87,R88,R89,R94,R99,R101,R102,R107,R113,R118, R132,R134,R137,R139,R146,R147,R149,R152,R153,R157	29	
12	Chip Resistor, 10K, 1/10W J R/TP, GLAZED	SMD1608	R40,R42,R100,R110,R140,R151	6	
13	Chip Resistor, 47K, 1/10W J R/TP, GLAZED	SMD1608	R106,R142,R168,R171	4	
14	Chip Resistor, 100K, 1/10W J R/TP, GLAZED	SMD1608	R173	1	
15	Chip Resistor, 1M, 1/10W J R/TP, GLAZED	SMD1608	R166	1	
CAPACITOR					
1	Chip Capacitor, 18pF/50V, Z R/TP, NP0, Temp compensate	SMD1608	C176,C177	2	
2	Chip Capacitor, 10pF/50V, Z R/TP, NP0, Temp compensate	SMD1608	C128,C131	2	
3	Chip Capacitor, 100pF/50V, Z R/TP, NP1, Temp compensate	SMD1608	C169	1	
4	Chip Capacitor, 47nF/50V, K R/TP, NP2, Temp compensate	SMD1608	C139,C140,C141,C142,C143,C144,C145	7	
5	Chip Capacitor, 470nF/50V, Z R/TP, NP2, Temp compensate	SMD1608	C123,C121	2	
6	Chip Capacitor, 470pF/50V, Z R/TP, NP2, Temp compensate	SMD1608	C170	1	
7	Chip Capacitor, 0.01uF/50V, Z R/TP, B(Y5P), High dielecric	SMD1608	C10,C11,C12,C13,C14,C16,C17,C133,C153,C157	10	
8	Chip Capacitor, 0.1uF/50V, Z R/TP, B(Y5P), High dielecric	SMD1608	C20,C21,C75,C113,C114,C115,C117,C118,C120,C122, C124,C126,C129,C134,C135,C136,C137,C138,C146,C14 7, C148,C149,C150,C151,C152,C154,C155,C156,C158,C15 9, C160,C161,C162,C163,C167,C168,C171,C172,C173,C17 4, C175,C178	42	
COIL					

1	Filter Coil, 33uH, TPRH1207-330M BOAM	SMD	L113	1	
2	Core bead, HU-1M2012-121JT CERATECH 2012 R/TP	SMD2012	R70,R71,R72,R73,L99,L100	6	
3	Core bead, HU-1M3216-501JT CERATECH 3216 R/TP	SMD3216	L114,L101	2	
1	Transistor, MMBT3904, SOT23 LITE ON	SMD	U110,U109	2	
2	Zener Diode, BZX84C5V6LTI(MTZJ5.6B, DO34, 200mW/56V/5mA)	SMD	D5,D6,D7,ZD101,ZD102,ZD103,ZD104,ZD105	8	
3	Diode, BAV99	SMD	D8,D9,D10,D11,D12,D13,D14,D15,D103,D104,D105	11	
4	Small signal Diode BAV70(KD5164)	SMD	D16	1	
5	Diode, Rectifier. B340 40V3A(SK34)	SMD	D106	1	
6	IC, SCALAR, MST9111A, 128QFP	SMD	U5	1	
7	IC, 24C08 8P SOIC TP EEPROM	SMD	U104	1	
8	PLCC 44P SOCKET	SMD	U107	1	
9	IC, L1117 -3.3 /NOKO	SMD	U103	1	
10	IC, L1117 -2.5 /NOKO	SMD	U108	1	
11	IC, PO6P03LV / NIKO	SMD	U106	1	
12	IC, AC1501(ATC), N2576S-5	SMD	U101	1	
13	IC, 24C21 8P DDC EEPROM.	SMD	U8	1	
14	IC, MICOM, W16P4, 44-PLCC	M/I	U107	1	
15	IC, TDA7496L	M/I	U102	1	
EL CAPACITOR					
1	EL Capacitor, 47uF/16V ,R/T,85'C,Under11MM	A/I	C108,C109,C110,C111,C125,C164,C165,C166	8	
2	EL Capacitor, 2.2uF/16V ,R/T,85'C,Under11MM	A/I	C112	1	
3	EL Capacitor, 22uF/16V ,R/T,85'C,Under11MM	A/I	C107,C105	2	
4	EL Capacitor, 220uF/16V ,R/T,85'C,Under11MM	A/I	C99,C100,C101,C102,C104	5	
5	EL Capacitor, 100uF/16V ,R/T,85'C,Under11MM	A/I	C106,C103	2	
6	Crystal, SX-1 Sunny, SMS, 24MHz, 30PPM, 18PF, TP	M/I	X101	1	
CONNECTOR					
1	DF14A-30P-1.25H HIROSE(12507-30P/ YEONHO)	SMD	J108	1	
2	Connector, DC jack 3P RIGHT ANGLE TYPE (2.5PI)	M/I	J101	1	
3	Connector, D-SUB 15PIN 3LAYER R/A(FEMALE)	M/I	J104	1	
4	Connector, DVI 29PIN 3LAYER R/A(FEMALE)	M/I	J103	1	
5	AUDIO JACK, ST-28B	M/I	J102	1	
6	Wafer, Key, SMW200-05 /YEONHO	M/I	J106	1	
7	Wafer, Key, SMW200-10/YEONHO	M/I	J106	1	OPTION(
8	Wafer, Key, 12508BR-05	M/I	J113	1	OPTION
9	Wafer, Inverter, SMW200-06/YEONHO	M/I	J107	1	
11	3P CONNECTOR, PIN HEADER 2.54mm PITCH S/T	M/I	J110	1	
12	6P CONNECTOR, PIN HEADER 2.54mm PITCH S/T,2X3	M/I	J112	1	
OTHER					
1	2PIN SHUNTER	M/I	J112(5V)	2	
2	PCB FR-4,1.6t Double side 100*110		KAT100AD REV3.0	1	



