

1. Air-X5000B (Brain PARTS)

]

No.	ITEM	DESCRIPTION	SPECIFICATION	LOCATION NO	Q'TY	VENDOR	SPL	비 고
1	MPU	AT89S8252-24AI	8 bit,TQFP 44PIN	U1	1	ATMEL		
2	TR ARRAY	ULN2003	FLP-16	U2,3,4	3	TI	대야	KID65003 대체 가능(U3)
3								
4	5.0V REGULATOR(LDO)	KIA78D05F	DPAK	U7	1	KEC	동진ELC	
5	IC, LOGIC	74HC04	SOIC, NOT GATE	U10	1			
6								
7	CHIP TRANSISTOR	KTA1505Y	PNP, SOT-23	Q11	1	KEC	동진ELC	
8	CHIP TRANSISTOR	KRC109S	NPN,SOT-23	Q6,14	2	KEC	"	
9	CHIP TRANSISTOR	KTN2222AS(C3265)	NPN,SOT-23	Q3,4	2	KEC	"	
10	CHIP TRANSISTOR	KTC3875Y	NPN,SOT-23	Q101,102	2	KEC	"	
11	POWER TR	A1276	PNP,TO220	Q7	1	KEC	"	
12	RECTIFIRE DIODE	P600A	6A, 100V	D29,30	2	ECS	영신테크	
13	RECTIFIRE DIODE	1N4004	1A,400V	D6,7,8,21,24,25,26,27	8	ECS	영신테크	
14	Fast Recovery Diode	UF4004	1A, 400V	D14	1	ECS	영신테크	
15	SWITCHING DIODE	LL4148	SMD,Melf	D10,11,12,13,15,18,19,20	8	ECS	"	
16	SWITCHING DIODE	LL4148	SMD,Melf	D101	1	ECS	"	
17	ZENER DIODE	TZMC5V6(TZM5232B)	SMD,Melf,5.6V 0.5W	ZD101	1	ECS	"	
18	ZENER DIODE	TZMC3V0(TZM5225B)	SMD,Melf,3.0V 0.5W	ZD4,5,6,7	4	ECS	"	
19	ZENER DIODE	1N4750	27V,1W	ZD1	1	ECS	"	
20	ELEC. CAPACITOR	470uF/25V	10 x 12.5	EC1,2	2	?	?	
21								
22	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R15,16,17,18,19,20,21,26	8	ROHM		
23	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R5,22,24,39,66	5	ROHM		
24	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R46,47,48,49,50,51,52	7	ROHM		
25	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R53,54,55,56,57,58,59	7	ROHM		
26	Chip Resistor (1608)	MCR03-MZS-J, 472	4.7K ohm,1/16W,J급	R61,64,67	3	ROHM		
27	Chip Resistor (1608)	MCR03-MZS-J, 102	1K ohm,1/16W,J급			ROHM		
28	Chip Resistor (1608)	MCR03-MZS-J, 333	33K ohm,1/16W,J급	R102	1	ROHM		
DOCUMENT NO.		PA16-C01-100						

No.	ITEM	DESCRIPTION	SPECIFICATION	LOCATION NO	Q'TY	VENDOR	SPL	비 고
29	Chip Resistor (1608)	MCR03-MZS-J, 104	100K ohm,1/16W,J급	R23,25,62,101	4	ROHM		
30	Chip Resistor (1608)	MCR03-MZS-J, 223	22K ohm,1/16W,J급	R107,108,312	3	ROHM		
31	Chip Resistor (1608)	MCR03-MZS-J, 334	330K ohm,1/16W,J급	R27,28	2	ROHM		
32	Chip Resistor (1608)	MCR03-MZS-J, 224	220K ohm,1/16W,J급	R29,30	2	ROHM		
33	Chip Resistor (1608)	MCR03-MZS-J, 473	47K ohm,1/16W,J급	R104,105,106	3	ROHM		
34	Chip Resistor (1608)	MCR03-MZS-J, 154	150K ohm,1/16W,J급	R103	1	ROHM		
35	Chip Resistor (1608)	MCR03-MZS-J, 304	300K ohm,1/16W,J급	R63	1	ROHM		
36	Chip Resistor (1608)	MCR03-MZS-J, 221	220 ohm,1/16W,J급	R33,34,35,43	4	ROHM		
37	Chip Resistor (1608)	MCR03-MZS-J, 513	51K ohm,1/16W,J급	R42	1	ROHM		
38	Chip Resistor (1608)	MCR03-MZS-J, 101	100 ohm,1/16W,J급	R45	1	ROHM		
39								
40	Chip Capacitor(1608)	GRM39Y5V104Z25PT	100nF,25V,Z급	C1,7,8,13	4	Murata	Murata	
41	Chip Capacitor(1608)	GRM39COG150J50PT	15pF,50V,J급	C9,10	2	Murata	Murata	
42	Chip Capacitor(1608)	GRM39X7R472K50PT	4.7nF,50V,K급	C18,19,20,21,101	5	Murata	Murata	
43	Chip Capacitor(2012)	GRM21Y5V225Z16	2.2uF,16V,Z급	C12	1	Murata	Murata	
44								
45	Varistor	INR7D220K	7φ	TNR1	1	일진전자	동진ELC	
46	DIP SWITCH	3PORT	VERTICAL Type					
47	BOARD TO BOARD(PAIR)	PIN HEADER	7PIN	JP1	1			
48	BOARD TO BOARD(PAIR)	PIN HEADER	4PIN	JP2	1			
49	BOARD TO BOARD(MALE)	PIN HEADER	7PIN(RIGHT ANGLE)	JP3	1			
50	X-TAL	49S	8MHz	Y1	1	GP.COM	GP.COM	
51	RELAY	DOR303-1A-PD-12	12V 30A	RY,1,2,3,6,7	5	대림전자	대림전자	
52	RELAY	DR-SRD	12V10A	RY4,5	2	대림전자	대림전자	
53	JUMP WIRE	WIRE	50 m/m	WIRE	1			
54	PCB	128 x 85	FR4,1.6t,2Layer		1	국민전자	국민전자	
DOCUMENT NO.		PA16-C02-100						

No.	ITEM	DESCRIPTION	SPECIFICATION	LOCATION NO	Q'TY	VENDOR	SPL	비 고
55	OP AMP	NJM2902M	DMP14	U4	1	JRC		PLUS VERSION ONLY
56	SWITCHING DIODE	LL4148	SMD,Melf	D401	1	ECS	"	PLUS VERSION ONLY
57	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R307,308	2	ROHM		PLUS VERSION ONLY
58	Chip Resistor (1608)	MCR03-MZS-J, 103	10K ohm,1/16W,J급	R402,410	2	ROHM		PLUS VERSION ONLY
59	Chip Resistor (1608)	MCR03-MZS-J, 104	100K ohm,1/16W,J급	R302,304,305,309,407	5	ROHM		PLUS VERSION ONLY
60	Chip Resistor (1608)	MCR03-MZS-J, 223	22K ohm,1/16W,J급	R312,401	2	ROHM		PLUS VERSION ONLY
61	Chip Resistor (1608)	MCR03-MZS-J, 334	330K ohm,1/16W,J급	R403	1	ROHM		PLUS VERSION ONLY
62	Chip Resistor (1608)	MCR03-MZS-J, 105	1 Mohm,1/16W,J급	R303,306	2	ROHM		PLUS VERSION ONLY
63	Chip Resistor (1608)	MCR03-MZS-J, 272	2.7K ohm,1/16W,J급	R404	1	ROHM		PLUS VERSION ONLY
64	Chip Resistor (1608)	MCR03-MZS-J, 475	4.7M ohm,1/16W,J급	R406	1	ROHM		PLUS VERSION ONLY
65	Chip Resistor (1608)	MCR03-MZS-J, 273	27K ohm,1/16W,J급	R405	1	ROHM		PLUS VERSION ONLY
66	Chip Resistor (1608)	MCR03-MZS-J, 514	510K ohm,1/16W,J급	R301,310	2	ROHM		PLUS VERSION ONLY
67	Chip Resistor (1608)	MCR03-MZS-J, 106	10M ohm,1/16W,J급	R311	1	ROHM		PLUS VERSION ONLY
68	Chip Resistor (1608)	MCR03-MZS-F, 223	22K ohm,1/16W,F급	R408	1	ROHM		PLUS VERSION ONLY
69	Chip Resistor (1608)	MCR03-MZS-F, 222	2.2K ohm,1/16W,F급	R409	1	ROHM		PLUS VERSION ONLY
70	Chip Capacitor(1608)	GRM39Y5V104Z25PT	100nF,25V,Z급	C405,302,304,305	4	Murata	Murata	PLUS VERSION ONLY
71	Chip Capacitor(1608)	GRM39X7R473K50PT	47nF,50V,K급	C402	1	Murata	Murata	PLUS VERSION ONLY
72	Chip Capacitor(1608)	GRM39Y5V224Z25PT	0.22uF,25V,Z급	C401	1	Murata	Murata	PLUS VERSION ONLY
73	Chip Capacitor(1608)	GRM39X7R332K50PT	3.3nF,50V,K급	C301	1	Murata	Murata	PLUS VERSION ONLY
74	Chip Capacitor(1608)	GRM39X7R103K50PT	10nF,50V,K급	C303	1	Murata	Murata	PLUS VERSION ONLY
75	Chip Capacitor(1608)	GRM39X7R102K50PT	1nF,50V,K급	C404	1	Murata	Murata	PLUS VERSION ONLY
76	ELEC. CAPACITOR	4.7uF/10V	5 x 8	C403	1			PLUS VERSION ONLY
77								
78	Resistor		100 ohm, 1/8W, J급	R301,302,303,304	4			
79	Ceramic Capacitor		0.1uF, Radial Type	C301,302,303,304	4			
DOCUMENT NO.		PA16-C03-100						

No.	ITEM	DESCRIPTION	SPECIFICATION	LOCATION NO	Q'TY	VENDOR	SPL	비 고
80	Valet S/W Module		Housing, SMH200-2P			민영전기	민영전기	
81								
82	LED Module		Housing, SMH200-2P			민영전기	민영전기	
83								
84	Shock Sensor Module		Housing, SMH250-4P					
85								
86	Antenna Module		Housing, SMH250-2P			코산	코산	
87								
88								
89								
90	Siren							
91								
92	Door pin S/W							
93								
94								
95								
96								
97								
98								
99								
100								
101								
102								
103								
104								
	합 계				163			
DOCUMENT NO.		PA16-C03-100						

No.	ITEM	DESCRIPTION	SPECIFICATION	LOCATION NO	Q'TY	VENDOR	SPL	비 고
105	Wafer, Power	DLW-C6P	Receotacle Housing	CON1	1	대림전자	대림전자	
106	Wafer, Output	SMAW420-12P	4.2mm Dual 12p	CON2	1	연호전자	대창전기	
107	Wafer, Input	YDAW200-10	2.0mm Dual 10pin	CON7	1	연호전자	대창전기	
108	Wafer, Door	SMAW250-04P	2.5mm 4pin, Blue	CON3	1	연호전자	대창전기	
109	Wafer, Valet S/W	SMAW200-02P	2.0mm 2Pin, Blue	CON4	1	연호전자	대창전기	
110	Wafer, LED	SMAW200-02P	2.0mm 2Pin	CON5	1	연호전자	대창전기	
111	Wafer, Shock sensor	SMAW250-04P	2.5mm 4pin	CON6	1	연호전자	대창전기	
112	Wafer,Antenna	SMAW250-02P	2.5mm 2pin	CON8	1	연호전자	대창전기	
113	Wire Harness, Power		사양별 도		1	민영전기	민영전기	
114	Wire Harness, Output		사양별 도		1	민영전기	민영전기	
115	Wire Harness, Input		사양별 도		1	민영전기	민영전기	
116	Wire Harness, Door		사양별 도		1	민영전기	민영전기	
117								
118								
119								
120								
121								
122								
123								
124								
125								
126								
127								
128								
129								
DOCUMENT NO.		PA16-C03-100						

1. Air-X5000B BRAIN (RF PARTS)

Rev 1.0

[illegible]

[illegible]

[illegible]