

Application part					Model			Unit	mm	작성	검토	승인
					도면명			Scale	N/S			
					도면번호			General Tolerance	±0.1			
PE-700 (2006 . 5 . 19)												
No	D	C	B	A	Part No	Symbol & Reference	품명	규 격		Maker	기타	
1				1	EB1-0019A		NAC-2500 MAIN PCB	179x79.7x1.7t , 6L (V0.5)				
2				55	EC1-0001D	BC1~BC51,C15,C49,C51~52	CERAMIC CAPACITOR	0.1uF,16V,±10%,S1608		WALSIN		
3				7	EC1-0002A	C17,C20~C23,C25,C28	CERAMIC CAPACITOR	1UF/10V,+80~-20%,S1608		WALSIN		
4				4	EC1-0004E	C35,C38,C43,C48	CERAMIC CAPACITOR	22pF,50V,±5%,S1608		WALSIN		
5				2	EC1-0013A	C44,C45	CERAMIC CAPACITOR	33pF,50V,±5%,S1608		WALSIN		
6				1	EC3-0018A	C39	ELECTRO CAPACITOR	SCDM3R3224R		Korchip		
7				3	EC3-0001A	C37,C46,C47	TANTAL CAPACITOR	4.7uF,10V±10%,S3216		FUJITSU		
8				3	EC3-0002A	C19,C27,C50	TANTAL CAPACITOR	47μF,16V,±20,S7343		VISHAY		
9				3	EC3-0003A	C18,C24,C26	TANTAL CAPACITOR	10μF,16V±20%,S3216		VISHAY		
10				4	EC3-0003D	C14,C29,C30,C31	TANTAL CAPACITOR	4.7uF,20V ,±20%,S3216		VISHAY		
11				2	EC3-0007A	C1,C2	ELECTRO CAPACITOR	22μF,50V±20%Sφ6.3		삼영		
12				13	ED1-0001B	D3,D5~D16	DIODE	1N4148, CHIP3415		DEC		
13				2	ED1-0002B	D1,D2	DIODE	SS210		DEC		
14				34	EE4-0003A	BL1~BL34	FERRITE BEAD	MPZ2012-S221A		TDK		
15				1	EH2-0004A	D4	LED	LED GREEN,1.8V,CHI1608		AUK		
16				1	EN2-0001H	J4	CONNECTOR-MOLEX	53047-0910(1.25mm)		MOLEX		
17				1	EN2-0004B	JP1	JUMPER	A2-2PA-2.54DSA		DAEWON		
18				1	EN2-0009B	J10	CONNECTOR	53398-0390		MOLEX		
19				1	EN2-0010E	J2	CONNECTOR	5267-06A		MOLEX		
20				1	EN2-0023A	J1	CONNECTOR	5267-03A		MOLEX		
21				1	EN2-0024A	J3	CONNECTOR	70543-0001		MOLEX		
22				2	EN2-0025A	J5,J9	CONNECTOR	5267-04A		MOLEX		
23				2	EN2-0026A	J6,J8	CONNECTOR	52559-2092		MOLEX		
24				1	EN2-0027A	J7	CONNECTOR	52207-1890		MOLEX		
25				2	EN2-0028A	J12,J15	CONNECTOR	DSS-200-20P		DAEWON		
26				2	EN2-0029A	J13,J14	CONNECTOR	DSS-200-16P		DAEWON		
27				4	EQ1-0002A	Q1,Q2,Q4,Q5	TR	MMBT4401LT1		AUK		
28				1	EQ1-0007A	Q3	TR	BC338-25ZL1		On-Semi		
29				3	ER2-0001A	R29,R33,R54	RESISTOR	0Ω,±5%,S1608		WALSIN		
30				1	ER2-0001D	R42	RESISTOR	100Ω,±5%,S1608		WALSIN		
31				2	ER2-0001F	R34,R40	RESISTOR	330Ω,±5%,S1608		WALSIN		
32				1	ER2-0001G	R57	RESISTOR	470Ω,±5%,S1608		WALSIN		
33				1	ER2-0001K	R50	RESISTOR	560Ω,±5%,S1608		WALSIN		
34				4	ER2-0001M	R6,R37,R38,R43	RESISTOR	1KΩ,±5%,S1608		WALSIN		
35				2	ER2-0001N	R12,R13	RESISTOR	1.5KΩ,±5%,S1608		WALSIN		
36				3	ER2-0001Q	R41,R67,R68	RESISTOR	3KΩ,±5%,S1608		WALSIN		

Application part					Model		Unit	mm	작성	검토	승인
					도면명		Scale	N/S			
					도면번호		General Tolerance	±0.1			
					NAC -2500						
					Main PCB ASS'Y						
					EA1-0040 (3/3)				PE-700 (2006 . 5 . 19)		
No	D	C	B	A	Part No	Symbol & Reference	품명	규 격	Maker	기타	
37				20	ER2-0001R	R1~2,R4~5,R10~11,R36,R44~49,R55,R59,R62,R64,R69,R7	RESISTOR	4.7KΩ,±5%,S1608	WALSIN		
38				10	ER2-0001S	R3,R14~16,R20~22,R35	RESISTOR	10KΩ,±5%,S1608	WALSIN		
39				5	ER2-0001T	R24,R25,R52,R60,R61	RESISTOR	100KΩ,±5%,S1608	WALSIN		
40				1	ER2-0001U	R23	RESISTOR	1MΩ,±5%,S1608	WALSIN		
41				1	ER2-0001V	R9	RESISTOR	20KΩ,±5%,S1608	WALSIN		
42				3	ER2-0002B	R26,R27,R28	RESISTOR	24Ω,±5%,S1608	WALSIN		
43				2	ER2-0002H	R30, R31	RESISTOR	22Ω,±5%,S1608	WALSIN		
44				1	ER2-0002U	R8	RESISTOR	2KΩ,±5%,S1608	WALSIN		
45				1	ER2-0004H	R51	RESISTOR	22KΩ,±1%,S1608	WALSIN		
46				1	ER2-0011A	R53	RESISTOR	91K,±5%,S1608	WALSIN		
47				1	ER2-0012A	R63	RESISTOR	120Ω,±5%,S1608	WALSIN		
48				3	ER3-0002C	RA5,RA6,RA7	ARRAY RESISTOR	22Ω,±5%,MNR14	WALSIN		
49				3	ER3-0002F	RA2,RA3,RA8	ARRAY RESISTOR	1KΩ,±5%,MNR14	WALSIN		
50				2	ER3-0002K	RA1,RA4,	ARRAY RESISTOR	10KΩ,±5%,MNR14	WALSIN		
51				1	ER5-0001A	R7	VR RESISTOR	RG06P-10K	TOCOS		
52				14	ER5-0002A	C3~C13,C16,C34,C36	VARISTOR	SFI0603-050E220NP	SFI		
53				1	ES3-0003A	U14	IC SOCKET	24PIN DIP	없음		
54				1	EU1-0005C	U6	CPU	GDPXA255A0E200,200MH	Intel		
55				1	EU1-0006A	U10	FPGA	Spartan2(XC2S30-5VQ)	Xilinx		
56				1	EU8-0027A	U1	V.REGULATOR	NCP1086ST	On-Semi		
57				1	EU8-0028A	U3	POWER SWITCH	FDC6323L	Fairchild	P/F	
58				1	EU8-0029A	U2	V.REGULATOR	XC6210B252MR	Torex		
59				1	EU8-0030A	U5	V.REGULATOR	NCP1729SN35T1G	On-Semi		
60				1	EU8-0031A	U4	V.REGULATOR	SC4211STRT	Semtech		
61				1	EU1-0016A	U14-1	Voice IC	AP89341	APLUS		
62				1	EU3-0007B	U8	SDRAM	K4S643232H-TC60	SAMSUNG		
63				1	EU3-0013B	U9	FLASH MEMORY	SST39VF1601-70-4C-EK	SST		
64				1	EU4-0007A	U11	CMOS IC	SN74HC08PWR_TSSOP	TI		
65				1	EU5-0004A	U12	RTC	DS1302Z	Dallas		
66				1	EU8-0024A	U16	RESET IC	EM6323	Swatch		
67				1	EU9-0005A	U15	RS-485 TRANSCEIVERS	SP3494EN-L	SIPEX		
68				1	EX1-0001C	U7	X-TAL	3.6864MHz (Small)	SUNNY		
69				1	EX1-0002B	U13	X-TAL	32.768KHz (Small)	SUNNY		
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Application part					Model			Unit	mm	작성	검토	승인
					NAC -2500							
					도면명			Scale	N/S			
도면번호			EA1-0041 (2/2)			General Tolerance	±0.1	PE-693 (2006 . 5 .11)				
NO	D	C	B	A	Part No	Symbol & Reference	품명	규 격		Maker	기타	
1				1	EB1-0020A		NAC-2500 RELAY PCB	81 X 40 (V 1.0)				
2				1	EC1-0007E	C1	CERAMIC CAPACITOR	22nF,50V,±10%,S1608		WALSIN		
3				4	EC1-0015A	C2, C8, C14~15	CERAMIC CAPACITOR	0.1μF,50V, S1608		WALSIN		
4				2	EC1-0016A	C3, C4	CERAMIC CAPACITOR	4.7μF,50V, -20/+80,S3225		WALSIN		
5				1	EC1-0016B	C9	CERAMIC CAPACITOR	2.7nF/50V,±10,S1608		WALSIN		
6				1	EC3-0002A	C6	Tantal Capacitor	47μF,16V,±20,S7343		VISHAY		
7				2	EC3-0007A	C11,C12	ELECTRO CAPACITOR	22μF,50V±20%Sφ6.3		삼영		
8				1	EC3-0008A	C5	ELECTRO CAPACITOR	0.1μF,50V,±20,Sφ4		삼영		
9				1	EC3-0017A	C13	TANTAL CAPACITOR	4.7F,50V,±20%,S7343		KEMET		
10				1	ED1-0001B	D2	DIODE	1N4148, CHIP3415		DEC		
11				1	ED1-0002B	D1	DIODE	SS210		DEC		
12				1	EE1-0014A	L1	INDUCTOR	PLF10140-150M2R1 15uH, 2.5A		TDK		
13				5	EE4-0003A	BL1~5	FERRITE BEAD	MPZ2012-S221A		TDK		
14				1	EL5-0003A	K1	RELAY	DS1E-M-DC5V		NAIS		
15				1	EN2-0004B	JP1	JUMPER	A2-2PA-2.54DSA		DAEWON		
16				1	EN2-0014E	J4	CONNECTOR	53259-0220		MOLEX		
17				2	EN2-0029B	J2,J3	CONNECTOR	DH2002(D)-125-16P		DAEWON		
18				1	EQ1-0005A	Q1	SWITCHING TR	KRC106S		KEC		
19				2	ER2-0001K	R10,R11	RESISTOR	560Ω,±5%,S1608		WALSIN		
20				3	ER2-0001M	R1,R12~13	RESISTOR	1KΩ,±5%,S1608		WALSIN		
21				2	ER2-0001R	R7,R8	RESISTOR	4.7KΩ,±5%,S1608		WALSIN		
22				1	ER2-0001S	R9	RESISTOR	10KΩ,±5%,S1608		WALSIN		
23				2	ER2-0001U	R14~15	RESISTOR	1MΩ,±5%,S1608		WALSIN		
24				1	ER2-0002X	R16	RESISTOR	3.3KΩ,±5%,S1608		WALSIN		
25				1	ER2-0003E	R5	RESISTOR	7.5KΩ,±5%,S1608		WALSIN		
26				1	ER2-0004D	R2	RESISTOR	30.9KΩ,±1%,S1608		WALSIN		
27				1	ER2-0004G	R3	RESISTOR	10KΩ,±1%,S1608		WALSIN		
28				1	ER5-0002A	C10	VARISTOR	SFI0603-050E220NP		SFI		
29				2	EU8-0018A	U2,U3	PHOTO COUPLER	SPC-817M		AUK		
30				1	EU8-0032A	U1	POWER IC	MP1591-DS-Z		MPS		

Application part					Model			Unit	mm	작성	검토	승인
					도면명			Scale	N/S			
도면번호			EA1-0042 (2/2)			General Tolerance	±0.1	PE-693 (2006 . 5 .11)				
No	D	C	B	A	Part No	Symbol & Reference	품명	규 격		Maker	기타	
1				1	EB1-0021A		NAC-2500 NETWORK PCB	81 X 49 (V 1.0)				
2				8	EC1-0001D	BC2~BC7, C1, C3	CERAMIC CAPACITOR	0.1uF,16V±10%,S1608		WALSIN		
3				1	EC1-0002A	BC1	CERAMIC CAPACITOR	1μF,10V,+80-20,S1608		WALSIN		
4				7	EE4-0003A	BL1~4,BL7~9	FERRITE BEAD	MPZ2012-S221A		TDK		
5				2	EH2-0004A	D1,D2	LED	SM-1316T,GREEN,S1608		AUK		
6				1	EN1-0006A	J3	CONNECTOR	PCB-824A (RJ45)		BESTSUN		
7				2	EN2-0028B	J1,J2	CONNECTOR	DH2002(D) - 115 - 20P		대원		
8				3	ER2-0001D	R2,R3,R5	RESISTOR	100Ω,±5%,S1608		WALSIN		
9				1	ER2-0001R	R11	RESISTOR	4.7KΩ,±5%,S1608		WALSIN		
10				1	ER2-0001S	R61	RESISTOR	10KΩ,±5%,S1608		WALSIN		
11				2	ER2-0002F	R6,R7	RESISTOR	10Ω,±5%,S1608		WALSIN		
12				2	ER2-0002M	R8,R9	RESISTOR	39Ω,±5%,S1608		WALSIN		
13				1	ER2-0002R	R10	RESISTOR	68Ω,±5%,S1608		WALSIN		
14				1	ER2-0004H	R4	RESISTOR	22KΩ,±1%,S1608		WALSIN		
15				1	ER5-0002A	C2	VARISTOR	SFI0603-050E220NP		SFI		
16				1	EU2-0002A	U1	LAN	LAN91C96 TQFP		SMSC		
17				1	EU2-0003A	U2	PHY	PE-68056		PLUSE		
18				1	EU3-0009A	U4	EEPROM	AT93C46-10SI-2.7		ATMEL		
19				1	EX1-0004A	U3	OSC	SCO-103,20MHz		SUNNY		

Application part					Model NAC - 2500			Unit	mm	작성	검토	승인
					도면명 KEYPAD PCB ASS'Y			Scale	N/S			
					도면번호 EA1-0043 (2/2)			General Tolerance	±0.1			
PE-703 (2006 . 5 .23)												
NO	D	C	B	A	Part No	Symbol & Reference	품명	규 격		Maker	기타	
1				1	EB1-0022A		NAC-2500 KEYPAD PCB	155 X 78 (V 1.0)				
2				1	EC1-0001D	C1	CERAMIC CAPACITOR	0.1uF,16V±10%,S1608		WALSIN		
3				20	ED1-0001B	D1~20	DIODE	1N4148,S3415		DEC		
4				3	EH2-0001A	D21,D23~24	LED	RED,1.8V,S3216		EVERIGHT		
5				3	EH2-0001C	D22,D25~26	LED	GREEN,1.8V,S3216		EVERIGHT		
6				1	EN2-0009A	J2	CONNECTOR	53398-0290		MOLEX		
7				1	EN2-0026A	J1	CONNECTOR	52559-2092		MOLEX		
8				3	EQ1-0002B	Q1~3	SWITCHING TR	MMBT2369LT1G		MOTOROLA		
9				3	ER2-0001D	R8,R15,R18	CERAMIC RESISTOR	100Ω,±5%,S1608		WALSIN		
10				10	ER2-0001E	R1~7,R9~11	CERAMIC RESISTOR	220Ω,±5%,S1608		WALSIN		
11				3	ER2-0001M	R12,R13,R14	CERAMIC RESISTOR	1KΩ,±5%,S1608		WALSIN		
3 12				2	ER2-0013C	R16~17	CERAMIC RESISTOR	49.9Ω,±5%,S1608		WALSIN		