PL202937 SHC REVA

REVISIONS

ZONE REV DESCRIPTION DATE APPROVAL

A REVISED PER ECN 2344 1/28/09 RS

			S OTHERWISE SPE		APPROVALS	DATE			SYSTE	M PLAN	NING (CORPORA	ATION	
			TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		DETAILER A BOUDREAU	8/21/08		36		WILSON BOULEVARD * ARLINGTON, VIRGINIA 22201				
		± 1/32	.X ±.1 .XX ±.01	± 1/2*	CHECKER KH SPITERY	8/21/08			PC		EMBL	•		
		THI	XXX ±.005 THIRD ANGLE PROJECTION		DESIGNER EA WEST	8/21/08	GLOBALSTRAP GLOBALTRAK							
202952		$\overline{}$	D	4	SYSTEM ENGINEER R STRAZ	8/21/08	SIZE	CAGE CODE	100	DAC NO' L		000	$\overline{}$	REV.
NEXT ASSY	USED ON		CONTRACT NUMBER		MANUFACTURING B. WELLS	8/21/08	A	<u> 76</u>	4 9 U			<u>UZY</u>	<u> 3 / </u>	<u> A</u>
APPLIC	CATION		-	•			SCALE	1/1				SHEET	CVR	THZ

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

 REVISION: A REV DATE: 11/03/08 LIST DATE: 02/26/09

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E. NO EXTERNAL CONNS. GT	TH ZIGBEE.	BAL STRAP	PCB ASSY.	LIST TITLE:
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I TEN NO	REQ QTY U/M REFERENCE [CAGE DESI GNATORS NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
1	0.00 EA		301982	SCHEMATIC, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK	190033	SYSTEM PLANNING CORP. 301982	N
3	1.00 EA		406262-01	PCB, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK		SYSTEM PLANNING CORP. 406262-01	N
12	1.00 EA U1		EM250-RTR	IC, EM250, SINGLE CHIP RF SOL, QFN-48, ZIGBEE/ 802.15.4		EMBER EM250-RTR SPC DOCUMENT 853861	N
13	1.00 EA U2		TC1073-3. 0VCH713	I.C., CMOS LDO, REG, 3.OV, 100mA, SOT23A-6		MICROCHIP TECHNOLOGY INC TC1073-3. OVCH713 SPC DOCUMENT 853373	N
14	1.00 EA U4		SN74LVC2G34DCKR	IC, DUAL BUFFER GATE, SC-70-6		TEXAS INSTRUMENTS SN74LVC2G34DCKR SPC DOCUMENT 854066	N
16	0.00 EA (DNI:U5)		MAX3221EI PWR	IC, DRIVER/RECEIVER, RS232, 1 CHANNEL, 16-TSSOP		TEXAS INSTRUMENTS MAX3221EIPWR SPC DOCUMENT 853916	N
17	1.00 EA U3		LPV321DCKR	I.C., OP AMP, SINGLE RAIL TO RAIL OUT, SC-70-05	T.I. spcdoc	TEXAS INSTRUMENTS LPV321DCKR SPC DOCUMENT 853380	N
19	1.00 EA FB1		BLM15HG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM, 250mA, 0402		MURATA ERIE BLM15HG102SN1D SPC DOCUMENT 853860	N
21	1.00 EA Y1		ABM3B-24. 000MHZ*	IC, CRYSTAL, 24.000MHz, SMD		ABRACON CORPROATION ABM3B-24. OOOMHZ-D-R60-1WT SPC DOCUMENT 854027	N
22	O. OO EA (DNI : Y4)		AB26TRB-32. 768K*	IC, CRYSTAL, 32.786MHz, +/-20PPM, TOL=+/-12.5PPM STABILITY		ABRACON CORPROATION AB26TRB-32.768KHZ-T SPC DOCUMENT 853863	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-01 CAGE NO.: 9G490

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L	IST TITLE: PCB	ASSY, GLOBAL STRAP	WITH ZIGBE	E, NO EXTERNAL CONNS,	GT		PAGE: 2	OF 6
I TEN NO	REQ QTY U/M R	REFERENCE DESI GNATORS	CAGE NO.	COMPONENT /SUBSTI TUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
24				500672	ALTERED ITEM DRAWING, BATTERY, TADIRAN, TL-5955 GT	190033	SYSTEM PLANNING CORP.	N
26	1.00 EA D	0\$2		SML-LX0603SIW-TR	IC, LED, RED, 2 VOLT, 20mA, 0603		LUMEX OPTOELECTRONICS SML-LX06035IW-TR SPC DOCUMENT 853868	N
27	1.00 EA D	0S1		SML-LX0603SYW-TR	IC, LED, YELLOW, 2 VOLT, 20mA, 0603		LUMEX OPTOELECTRONICS SML-LX06035YW-TR SPC DOCUMENT 853865	N
29	2.00 EA L	.5, L6		BLM18AG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM 400mA, 0603		MURATA ERIE BLM18AG102SN1D SPC DOCUMENT 853887	N
30	2.00 EA L	.1, L4		LQP15MN5N1B02	INDUCTOR, 5.1NH, +/-0.1 NH, 140mA, CHIP FILM, 0402	spcdoc	MURATA ERIE LQP15MN5N1BO2 SPC DOCUMENT 853849	N
31	1.00 EA L	2		LQG18HN3N3SOOD	INDUCTOR, 3.3nH, +/- 0.3 nH, MULTILAYER FILM, 0603			N
32	1.00 EA L	.23		LQP15MN2NOBO2	INDUCTOR, 2.0NH, +/-0.1 NH, 220mA, CHIP FILM, 0402		MURATA ERIE LQP15MN2NOBO2 SPC DOCUMENT 853852	N
33	1.00 EA L	.3		LQG18HN2N7SOOD	INDUCTOR, 2.7NH, +/-0.3 NH, 300mA, 0603 MULTI - LAYER FILM		MURATA ERIE LQG18HN2N7SOOD SPC DOCUMENT 853851	N
34	1.00 EA D	01		BAV99RWT1G	IC, DIODE, SWITCH, SS, DUAL 70 VOLT, SOT-323		ON SEMI CONDUCTOR BAV99RWT1G SPC DOCUMENT 854088	N
35	1.00 EA D	02		BAS7004E6327	IC, DIODE, SCHOTTKEY, DUAL 70 VOLT, SOT-23	INFIN	I NFI NEON BAS7004E6327	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-01 REV ----- REV CAGE NO.: 9G490 LIS

LI		B ASSY, GLOBAL STRAP	WITH ZIGBEE, NO EXTERNAL CONNS,	GT		PAGE: 3	0F 6
I TEM NO	REQ QTY U/M	REFERENCE DESI GNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID MANUFACTUR MANUFACTUR		SUB ASY
					spcdoc SPC DOCUME 853890	NT	
36	0.00 EA	(DNI : D3, D4)	MBR0520L	DI ODE, SCHOTTKY, 0.5AMPS 20 VOLT, SOD-123	FAIRCH FAIRCHILD MBR0520L spcdoc SPC DOCUME 854105		OR N
43	0.00 EA	(DNI : R1, R4)	CRCW040210K0JNED	RESISTOR, CHIP, 10K OHM, 1/16 WATT, 5%, 0402, SMD	VI SHAY VI SHAY, SP CRCW040210 spcdoc SPC DOCUME 853917	KOJNED	N
48	1.00 EA	R20	ERJ-6ENF1000V	RESISTOR, CHIP, 100 OHM, 1/8 WATT, TOL=5%, SMD, 0805	PANAS PANASONI C ERJ-6ENF10 spcdoc SPC DOCUME 853913	00V	N
49	4.00 EA	R15, R16, R18, R19 (DNI: R3, R14)	ERJ-6GEYOROOV	RESISTOR, CHIP, 0 OHM, 1/8 WATT, 5%, 0805, SMD	PANAS PANASONI C ERJ-6GEYOR spcdoc SPC DOCUME 853837	00V	N
50	3.00 EA	R12, R13, R24	ERJ-6GEYJ104V	RESISTOR, CHIP, 100K OHM 5%, 1/8 WATT, 0805 PACK, SMD	PANAS PANASONI C ERJ-6GEYJ1 spcdoc SPC DOCUME 852916	04V	N
51	1.00 EA	R17	ERJ-6GEYJ105V	RESISTOR, CHIP, 1MEG OHM 5%, 1/8 WATT, 0805 PACK, SMD	PANAS PANASONI C ERJ-6GEYJ1 spcdoc SPC DOCUME 853883		N
52	2.00 EA	R5, R7	ERJ-2GEJ1ROX	RESISTOR, CHIP, 1 OHM, 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONI C ERJ-2GEJ1R spcdoc SPC DOCUME 853855	OX	N
53	1.00 EA	R9	ERJ-2GEJ2R7X	RESISTOR, CHIP, 2.7 OHM, 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONI C ERJ-2GEJ2R spcdoc SPC DOCUME 853858	7X	N
54	1.00 EA	R6	ERJ-2GEJ332X	RESISTOR, CHIP, 3.3K OHM 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONIC ERJ-2GEJ33 spcdoc SPC DOCUME	2X	N

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PL - 202937-01 CAGE NO.: 9G490

LIST TITLE: PCB ASSY, GLOBAL STRAF	WITH ZIGBEE, NO EXTERNAL CONNS, GT
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			TH ZIGBEE, NO EXTERNAL CONNS		PAGE: 4 OF	
TEM NO F	REQ QTY U/M	REFERENCE DESIGNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID MANUFACTURER NAME MANUFACTURER PART NO	SU AS
					853856	
55	2.00 EA	R10, R11 (DNI : R2)	ERJ-2GEJ561X	RESISTOR, CHIP, 560 OHM 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONI C ELECTRONI CS ERJ-2GEJ561X spcdoc SPC DOCUMENT 853854	N
56	1.00 EA	R8	ERJ-2RKF1693X	RESISTOR, CHIP, 169K OHM 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONI C ELECTRONI CS ERJ-2RKF1693X spcdoc SPC DOCUMENT 853857	N
57	1.00 EA	R21	ERJ-3EKF1001V	RESISTOR, 1K OHM, 1/16 WATT, 1%, SMD, 0603,	PANAS PANASONI C ELECTRONI CS ERJ-3EKF101V spcdoc SPC DOCUMENT 851466	N
58	1.00 EA	R22	ERJ-6ENF7500V	RESISTOR CHIP, 750 OHM, 1/8WATT, 1%, 0805, SMD	PANAS PANASONI C ELECTRONI CS ERJ-6ENF7500V spcdoc SPC DOCUMENT 853382	N
59	1.00 EA	R23	ERJ-6GEYJ301V	RESISTOR CHIP, 300 OHM, 1/8WATT, 1%, 0805, SMD	PANAS PANASONI C ELECTRONI CS ERJ-6GEYJ301V spcdoc SPC DOCUMENT 854187	N
65	2.00 EA	C24, C25, (DNI: C58)	ECJ-0EC1H010C	CAPACI TOR, CHI P, 1pF, +/- 0.25pF, 50VOLT, COG, NPO, 0402	PANAS PANASONI C ELECTRONI CS ECJ-OEC1H010C spcdoc SPC DOCUMENT 853848	N
67	1.00 EA	C2	ECJ-1VF1A225Z	CAPACI TOR, CHI P, 2. 2uF, +/- 20%, 10 VOLT, 0603 PACKAGE	PANAS PANASONI C ELECTRONI CS ECJ-1VF1A225Z spcdoc SPC DOCUMENT 851731	N
68	3.00 EA	C28, C29, C30	ECJ-2FC2D101J	CAPACITOR, CHIP, 100pF, +/- 5%, 200 VOLT, 0805 PACKAGE	PANAS PANASONI C ELECTRONI CS ECJ-2FC2D101J spcdoc SPC DOCUMENT 853889	N
73	1.00 EA	C19	CC1206KRX7R9BB2*	CAPACI TOR, CHI P, 220pF 50 VOLT, X7R, TOL=10% 1206	YAGEO YAGEO ELECTRONI CS CC1206KRX7R9BB221 spcdoc SPC DOCUMENT 854189	N

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LIST TITLE: PCB ASSY, GLOBAL STRAP	WITH ZIGBEE, NO EXTERNAL CONNS,	GT
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I TEM NO	REQ QTY U/M	REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
74	2.00 EA			GRM39X7R104K016D	CAPACITOR, SURFACE MT, 0.1uF, (0603)	MURATA	MURATA ERIE GRM39X7R104K016AD SPC DOCUMENT 850221	N
75	1.00 EA	C18		GRM2165C2A2O1JA*	CAPACITOR, CERAMIC, 200pF 100 VOLT, 5% TOL, COG 0805		MURATA ERIE GRM2165C2A2O1JAO1D SPC DOCUMENT 853888	N
76	9.00 EA	C3, C10, C12-C17, C32 (DNI: C1)		GRM155R71E103KA*	CAPACITOR, 10 NF, +/-10% 25 VOLT, X7R, 0402		MURATA ERIE GRM155R71E103KA01D SPC DOCUMENT 853840	N
77	0.00 EA	(DNI: C21)		GRM1555C1H180JZ*	CAPACITOR, 18PF, 50VOLT +/- 0.25PF, COG, X7R, 0402		MURATA ERIE GRM1555C1H180JZ01D SPC DOCUMENT 853847	N
78	2.00 EA	C4, C5, (DNI: C20)		GRM1555C1H270JZ*	CAPACITOR, 27PF, 50VOLT +/- 5%, COG, 0402		MURATA ERIE GRM1555C1H27OJZO1D SPC DOCUMENT 853841	N
79	1.00 EA	C11		GRM1555C1H8RODZ*	CAPACITOR, 8PF, 50VOLT +/- 0.5PF, COG, NPO, 0402		MURATA ERIE GRM1555C1H8RODZO1D SPC DOCUMENT 853844	N
80	2.00 EA	C22, C26		GRM1555C1HR75CZ*	CAPACI TOR, 0.75PF, 50VOLT +/- 0.25PF, COG, NPO, 0402		MURATA ERIE GRM1555C1HR75CZO1D SPC DOCUMENT TBD	N
81	3.00 EA	C7, C8, C9		GRM155R71C104KA*	CAPACI TOR, 0.1UF, 16VOLT +/- 10%, X7R, 0402		MURATA ERIE GRM1555R71C104KA88D SPC DOCUMENT 853843	N
82	1.00 EA	C23		GRM1555C1H1R8CZ*	CAPACI TOR, 1.8PF, 50VOLT +/- 0.25PF, COG, X7R, 0402		MURATA ERIE GRM1555C1H1R8CZO1D SPC DOCUMENT 853847	N
88	0.00 EA	(DNI: C33, C34, C36, C37, C50))	F921V104MAA	CAPACITOR, TANTALUM,	NI CH	NI CHI CON ELECTRONI CS	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209 REVISION: A REV DATE: 11/03/08 LIST DATE: 02/26/09

LIST TITLE: PCB ASSY, GLOBAL STRAP WITH ZIGBEE, NO EXTERNAL CONNS, GT

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I TEM NO	REQ QTY U/	/M REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTI TUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
					O.1UF, 35VOLT, 20%, SMD	spcdoc	F921V104MAA SPC DOCUMENT 853376	
89	1.00 EA	A C6		T491A106K010AT	CAPACITOR, TANTALUM, 10uF, +/- 10%, 10 VOLT, 3216 SIZEA		KEMET ELECTRONICS T491A106K010AT SPC DOCUMENT 853842	N
90	0.00 EA	A (DNI:J1)		102972-2	CONNECTOR-BREAKAWAY, SINGLEN ROW, VERTICLE, 2 POSITION	AMP spcdoc	AMP I NCORPORATED 102972-2 SPC DOCUMENT 850267	N
91	0.00 EA	A (DNI: J2)		FTSH-105-01-F-DV	CONNECTOR, MICRO-HEADER, 10 PIN, FTSH SERIES, .05 PITCH		SAMTEC ELECTRONICS FTSH-105-01-F-DV SPC DOCUMENT 853912	N
95	0.00 EA	A (DNI:J4)		SMO4B-GHS-TB(LF*	CONNECTOR, HEADER, GH SIDE 4 POSITION, 1.25MM	JST spcdoc	JST SMO4B-GHS-TB(LF)(SN) SPC DOCUMENT 853891	N
98	2.00 EA	A E20, E21		R4027006	COUPLI NG, BRASS, BUSHI NG THRU-HOLE, HYPERSI ON SEAL		EJ BROOKS COMPANY R4027006 SPC DOCUMENT 853870	N
100	1.00 EA	A F2		MI CROSMDO10F-2	POLYSWITCH, O.1 AMP, RESETABLE FUSE, SMD	TYC0 spcdoc	TYCO ELECTRONICS MICROSMD010F-2 SPC DOCUMENT 854102	N
110	0.00 EA	A		20-3001NC-50ML	POTTI NG EPOXY, 2 PART, 1:1, 50 ML CARTRI DGE		WWW. EPOXI ES. COM 20-3001NC-50ML SPC DOCUMENT 853480	N

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PL - 202937-03 CAGE NO.: 9G490 REVISION: A REV DATE: 11/03/08 LIST DATE: 02/26/09

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LIST TITLE: PCB ASSY, GLOBAL STRAP WITH ZIGBEE, W/ EXTERNAL CONNS, GT

	ST TITLE. TO	D ASSI, GLODAL SINAF WITH	ZI ODL	L, W/ EXTERNAL COMIS,	O1		FAGE. I OI	U
I TEM NO	REQ QTY U/M	REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
1	0.00 EA			301982	SCHEMATIC, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK	190033	SYSTEM PLANNING CORP. 301982	N
3	1.00 EA			406262-01	PCB, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK	190033	SYSTEM PLANNING CORP. 406262-01	N
12	1.00 EA	U1		EM250-RTR	IC, EM250, SINGLE CHIP RF SOL, QFN-48, ZIGBEE/ 802. 15. 4	EMBER spcdoc	EMBER EM250-RTR SPC DOCUMENT 853861	N
13	1.00 EA	U2		TC1073-3. 0VCH713	I.C., CMOS LDO, REG, 3.OV, 100mA, SOT23A-6		MICROCHIP TECHNOLOGY INC TC1073-3.0VCH713 SPC DOCUMENT 853373	N
14	1.00 EA	U4		SN74LVC2G34DCKR	IC, DUAL BUFFER GATE, SC-70-6		TEXAS INSTRUMENTS SN74LVC2G34DCKR SPC DOCUMENT 854066	N
16	1.00 EA	U5		MAX3221EI PWR	IC, DRIVER/RECEIVER, RS232, 1 CHANNEL, 16-TSSOP		TEXAS INSTRUMENTS MAX3221EIPWR SPC DOCUMENT 853916	N
17	1.00 EA	U3		LPV321DCKR	I.C., OP AMP, SINGLE RAIL TO RAIL OUT, SC-70-05		TEXAS INSTRUMENTS LPV321DCKR SPC DOCUMENT 853380	N
19	1.00 EA	FB1		BLM15HG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM, 250mA, 0402		MURATA ERIE BLM15HG102SN1D SPC DOCUMENT 853860	N
21	1.00 EA	Y1		ABM3B-24. 000MHZ*	IC, CRYSTAL, 24.000MHz, SMD		ABRACON CORPROATION ABM3B-24.000MHZ-D-R60-1WT SPC DOCUMENT 854027	N
22	0.00 EA	(DNI: Y4)		AB26TRB-32. 768K*	IC, CRYSTAL, 32.786MHz, +/-20PPM, TOL=+/-12.5PPM STABILITY		ABRACON CORPROATION ABZ6TRB-32.768KHZ-T SPC DOCUMENT 853863	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

REVISION: A REV DATE: 11/03/08 LIST DATE: 02/26/09

LIST TITLE: PCB ASSY, GLOBAL STRAP	WITH ZIGBEE, W/ EXTERNAL CONNS,	GT
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PAGE: 2 OF 6

I TEM NO	REQ QTY U/	M REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
24	2.00 EA	B1, B2		500672	ALTERED ITEM DRAWING, BATTERY, TADIRAN, TL-5955 GT	190033	SYSTEM PLANNING CORP. 500672	N
26	1.00 EA	DS2		SML-LX0603SIW-TR	IC, LED, RED, 2 VOLT, 20mA, 0603		LUMEX OPTOELECTRONICS SML-LX0603SIW-TR SPC DOCUMENT 853868	N
27	1.00 EA	DS1		SML-LX0603SYW-TR	IC, LED, YELLOW, 2 VOLT, 20mA, 0603		LUMEX OPTOELECTRONICS SML-LX0603SYW-TR SPC DOCUMENT 853865	N
29	2.00 EA	L5, L6		BLM18AG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM 400mA, 0603		MURATA ERIE BLM18AG102SN1D SPC DOCUMENT 853887	N
30	2.00 EA	L1, L4		LQP15MN5N1BO2	INDUCTOR, 5.1NH, +/-0.1 NH, 140mA, CHIP FILM, 0402		MURATA ERIE LOP15MN5N1BO2 SPC DOCUMENT 853849	N
31	1.00 EA	L2		LQG18HN3N3SOOD	INDUCTOR, 3.3nH, +/- 0.3 nH, MULTILAYER FILM, 0603		MURATA ERIE LOG18HN3N3SOOD SPC DOCUMENT 851670	N
32	1.00 EA	L23		LQP15MN2N0B02	INDUCTOR, 2.0NH, +/-0.1 NH, 220mA, CHIP FILM, 0402		MURATA ERIE LQP15MN2NOBO2 SPC DOCUMENT 853852	N
33	1.00 EA	L3		LQG18HN2N7SOOD	INDUCTOR, 2.7NH, +/-0.3 NH, 300mA, 0603 MULTI- LAYER FILM		MURATA ERIE LQG18HN2N7SOOD SPC DOCUMENT 853851	N
34	1.00 EA	. D1		BAV99RWT1G	IC, DIODE, SWITCH, SS, DUAL 70 VOLT, SOT-323		ON SEMI CONDUCTOR BAV99RWT1G SPC DOCUMENT 854088	N
35	1.00 EA	. D2		BAS7004E6327	IC, DIODE, SCHOTTKEY, DUAL 70 VOLT, SOT-23	INFIN	I NFI NEON BAS7004E6327	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-03 -----CAGE NO.: 9G490

LIST TITLE: PCB ASSY, GLOBAL STRAP	WITH ZIGBEE, W/ EXTERNAL CONNS, GT
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		B ASSY, GLOBAL STRAP WI				. 		3 OF	
ITEM NO	REQ QTY U/M	REFERENCE DESI GNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID MAN	NUFACTURER NAME NUFACTURER PART NO) <i>F</i>	SUE ASY
						spcdoc SPC 853	C DOCUMENT 3890		
36	0.00 EA	(DNI: D3, D4)		MBR0520L	DI ODE, SCHOTTKY, O. 5AMPS 20 VOLT, SOD-123	MBR spcdoc SPC	R0520L	CTOR	N
43	2.00 EA	R1, R4		CRCW040210K0JNED	RESISTOR, CHIP, 10K OHM, 1/16 WATT, 5%, 0402, SMD	CRC spcdoc SPC	SHAY, SPRAUGE CWO40210KOJNED C DOCUMENT 3917		N
48	1.00 EA	R20		ERJ-6ENF1000V	RESISTOR, CHIP, 100 OHM, 1/8 WATT, TOL=5%, SMD, 0805	ERJ spcdoc SPC	NASONIC ELECTRONIC J-6ENF1000V C DOCUMENT 3913	CS	N
49	4.00 EA	R15, R16, R18, R19 (DNI: R3, R14)		ERJ-6GEYOROOV	RESISTOR, CHIP, O OHM, 1/8 WATT, 5%, O805, SMD	ERJ spcdoc SPC	NASONIC ELECTRONIC J-6GEYOROOV C DOCUMENT 3837	CS	N
50	3.00 EA	R12, R13, R24		ERJ-6GEYJ104V	RESISTOR, CHIP, 100K OHM 5%, 1/8 WATT, 0805 PACK, SMD	ERJ spcdoc SPC	NASONIC ELECTRONIC J-6GEYJ104V C DOCUMENT 2916	CS	N
51	1.00 EA	R17		ERJ-6GEYJ105V	RESISTOR, CHIP, 1MEG OHM 5%, 1/8 WATT, 0805 PACK, SMD	ERJ spcdoc SPC	NASONIC ELECTRONIC J-6GEYJ105V C DOCUMENT 3883	cs	N
52	2.00 EA	R5, R7		ERJ-2GEJ1ROX	RESISTOR, CHIP, 1 OHM, 5%, 1/16 WATT, 0402 PACK SMD	ERJ spcdoc SPC	NASONIC ELECTRONIC J-2GEJ1ROX C DOCUMENT 3855	cs	N
53	1.00 EA	R9		ERJ-2GEJ2R7X	RESISTOR, CHIP, 2.7 OHM, 5%, 1/16 WATT, 0402 PACK SMD	ERJ spcdoc SPC	NASONIC ELECTRONIC J-2GEJ2R7X C DOCUMENT 3858	cs	N
54	1.00 EA	R6		ERJ-2GEJ332X	RESISTOR, CHIP, 3.3K OHM 5%, 1/16 WATT, 0402 PACK SMD	PANAS PAN ERJ spcdoc SPC	J-2GEJ332X	cs	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-03 CAGE NO.: 9G490

LIST TITLE: PCB ASSY, GLOBAL STRAP WITH	ZIGBEE, W/ EXTERNA	L CONNS, GT
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		B ASSY, GLOBAL STRAP WI						0F
TEM NO I	REQ QTY U/M	REFERENCE DESI GNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SU AS
							853856	
55	3.00 EA	R2, R10, R11		ERJ-2GEJ561X	RESISTOR, CHIP, 560 OHM 5%, 1/16 WATT, 0402 PACK SMD		PANASONIC ELECTRONICS ERJ-2GEJ561X SPC DOCUMENT 853854	N
56	1.00 EA	R8		ERJ-2RKF1693X	RESISTOR, CHIP, 169K OHM 5%, 1/16 WATT, 0402 PACK SMD		PANASONIC ELECTRONICS ERJ-2RKF1693X SPC DOCUMENT 853857	N
57	1.00 EA	R21		ERJ-3EKF1001V	RESISTOR, 1K OHM, 1/16 WATT, 1%, SMD, 0603,		PANASONI C ELECTRONI CS ERJ-3EKF101V SPC DOCUMENT 851466	N
58	1.00 EA	R22		ERJ-6ENF7500V	RESISTOR CHIP, 750 OHM, 1/8WATT, 1%, 0805, SMD		PANASONI C ELECTRONI CS ERJ-6ENF7500V SPC DOCUMENT 853382	N
59	1.00 EA	R23		ERJ-6GEYJ301V	RESISTOR CHIP, 300 OHM, 1/8WATT, 1%, 0805, SMD		PANASONI C ELECTRONI CS ERJ-6GEYJ301V SPC DOCUMENT 854187	N
65	3.00 EA	C24, C25, C58		ECJ-0EC1H010C	CAPACITOR, CHIP, 1pF, +/- 0.25pF, 50VOLT, COG, NPO, 0402		PANASONI C ELECTRONI CS ECJ-0EC1H010C SPC DOCUMENT 853848	N
67	1.00 EA	C2		ECJ-1VF1A225Z	CAPACITOR, CHIP, 2.2uF, +/- 20%, 10 VOLT, 0603 PACKAGE		PANASONI C ELECTRONI CS ECJ-1VF1A225Z SPC DOCUMENT 851731	N
68	3.00 EA	C28, C29, C30		ECJ-2FC2D101J	CAPACITOR, CHIP, 100pF, +/- 5%, 200 VOLT, 0805 PACKAGE		PANASONIC ELECTRONICS ECJ-2FC2D101J SPC DOCUMENT 853889	N
73	1.00 EA	C19		CC1206KRX7R9BB2*	CAPACITOR, CHIP, 220pF 50 VOLT, X7R, TOL=10% 1206		YAGEO ELECTRONICS CC1206KRX7R9BB221 SPC DOCUMENT 854189	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-03 CAGE NO.: 9G490

LIST TITLE: PCB ASSY, GLOBAL STRAP	WITH ZIGBEE,	W/	EXTERNAL	CONNS,	GT
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			TH ZIGBEE, W/ EXTERNAL CONNS,		PAGE: 5	
I TEM NO F	REQ QTY U/N	M REFERENCE DESIGNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
74	2.00 EA	C38, C39	GRM39X7R104K016D	CAPACITOR, SURFACE MT, O. 1uF, (0603)	MURATA MURATA ERIE GRM39X7R104K016AD spcdoc SPC DOCUMENT 850221	N
75	1.00 EA	C18	GRM2165C2A2O1JA*	CAPACITOR, CERAMIC, 200pF 100 VOLT, 5% TOL, COG 0805	MURATA MURATA ERIE GRM2165C2A2O1JAO1D spcdoc SPC DOCUMENT 853888	N
76	10.00 EA	C1, C3, C10, C12-C17, C32	GRM155R71E103KA*	CAPACITOR, 10 NF, +/-10% 25 VOLT, X7R, 0402	MURATA MURATA ERIE GRM155R71E103KA01D spcdoc SPC DOCUMENT 853840	N
77	0.00 EA	(DNI : C21)	GRM1555C1H180JZ*	CAPACITOR, 18PF, 50V0LT +/- 0.25PF, COG, X7R, 0402	MURATA MURATA ERIE GRM1555C1H180JZ01D spcdoc SPC DOCUMENT 853847	N
78	2.00 EA	C4, C5, (DNI: C20)	GRM1555C1H270JZ*	CAPACITOR, 27PF, 50VOLT +/- 5%, COG, 0402	MURATA MURATA ERIE GRM1555C1H270JZ01D spcdoc SPC DOCUMENT 853841	N
79	1.00 EA	C11	GRM1555C1H8RODZ*	CAPACITOR, 8PF, 50V0LT +/- 0.5PF, COG, NPO, 0402	MURATA MURATA ERIE GRM1555C1H8RODZO1D spcdoc SPC DOCUMENT 853844	N
80	2.00 EA	C22, C26	GRM1555C1HR75CZ*	CAPACITOR, 0.75PF,50V0LT +/- 0.25PF, COG, NPO, 0402	MURATA MURATA ERIE GRM1555C1HR75CZO1D spcdoc SPC DOCUMENT TBD	N
81	3.00 EA	C7, C8, C9	GRM155R71C104KA*	CAPACI TOR, 0. 1UF, 16VOLT +/- 10%, X7R, 0402	MURATA MURATA ERIE GRM1555R71C104KA88D spcdoc SPC DOCUMENT 853843	N
82	1.00 EA	C23	GRM1555C1H1R8CZ*	CAPACITOR, 1.8PF, 50V0LT +/- 0.25PF, COG, X7R, 0402	MURATA MURATA ERIE GRM1555C1H1R8CZO1D spcdoc SPC DOCUMENT 853847	N
88	5.00 EA	C33, C34, C36, C37, C50	F921V104MAA	CAPACITOR, TANTALUM,	NI CH NI CHI CON ELECTRONI CS	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209 REVISION: A REV DATE: 11/03/08 LIST DATE: 02/26/09

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I TEM NO		REFERENCE DESIGNATORS	COMPONENT /SUBSTI TUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
				O. 1UF, 35VOLT, 20%, SMD	spcdoc	F921V104MAA SPC DOCUMENT 853376	
89	1.00 EA	C6	T491A106K010AT	CAPACITOR, TANTALUM, 10uF, +/- 10%, 10 VOLT, 3216 SIZEA		KEMET ELECTRONICS T491A106K010AT SPC DOCUMENT 853842	N
90	1.00 EA	J1	102972-2	CONNECTOR-BREAKAWAY, SINGLEN ROW, VERTICLE, 2 POSITION	AMP spcdoc	AMP INCORPORATED 102972-2 SPC DOCUMENT 850267	N
91	1.00 EA	J2	FTSH-105-01-F-DV	CONNECTOR, MICRO-HEADER, 10 PIN, FTSH SERIES, .05 PITCH		SAMTEC ELECTRONICS FTSH-105-01-F-DV SPC DOCUMENT 853912	N
95	1.00 EA	J4	SMO4B-GHS-TB(LF*	CONNECTOR, HEADER, GH SIDE 4 POSITION, 1.25MM	JST spcdoc	JST SMO4B-GHS-TB(LF)(SN) SPC DOCUMENT 853891	N
98	2.00 EA	E20, E21	R4027006	COUPLI NG, BRASS, BUSHI NG THRU-HOLE, HYPERSI ON SEAL		EJ BROOKS COMPANY R4027006 SPC DOCUMENT 853870	N
100	1.00 EA	F2	MI CROSMD010F-2	POLYSWITCH, O.1 AMP, RESETABLE FUSE, SMD	TYC0 spcdoc	TYCO ELECTRONICS MICROSMD010F-2 SPC DOCUMENT 854102	N
110	0.00 EA		20-3001NC-50ML	POTTI NG EPOXY, 2 PART, 1:1, 50 ML CARTRI DGE		WWW. EPOXI ES. COM 20-3001NC-50ML SPC DOCUMENT 853480	N

TOTAL NO PAGES:

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22

0.00 EA (DNI:Y4)

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

ABRACO ABRACON CORPROATION

AB26TRB-32.768KHZ-T spcdoc SPC DOCUMENT 853863 Ν

		/, GLOBAL STRAP W/2					PAGE: 1	
EM IO	REQ QTY U/M REFER	RENCE DESIGNATORS	CAGE C NO. /	COMPONENT 'SUBSTI TUTE	COMPONENT DESCRIPTION	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	S A
1	0.00 EA		3	301982	SCHEMATIC, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK	190033	SYSTEM PLANNING CORP. 301982	
3	1.00 EA		4	06262-01	PCB, GLOBAL STRAP WITH ZIGBEE, GLOBAL TRAK	190033	SYSTEM PLANNING CORP. 406262-01	
2	1.00 EA U1		E	M250-RTR	IC,EM250,SINGLE CHIP RF SOL, OFN-48, ZIGBEE/ 802.15.4		EMBER EM250-RTR SPC DOCUMENT 853861	
3	1.00 EA U2		Т	C1073-3. OVCH713	I.C., CMOS LDO, REG, 3.OV, 100mA, SOT23A-6		MICROCHIP TECHNOLOGY I TC1073-3. OVCH713 SPC DOCUMENT 853373	NC
4	1.00 EA U4		S	SN74LVC2G34DCKR	IC, DUAL BUFFER GATE, SC-70-6		TEXAS INSTRUMENTS SN74LVC2G34DCKR SPC DOCUMENT 854066	
6	O. OO EA (DNI:	U5)	N	IAX3221EI PWR	IC, DRIVER/RECEIVER, RS232, 1 CHANNEL, 16-TSSOP		TEXAS INSTRUMENTS MAX3221EIPWR SPC DOCUMENT 853916	
7	1.00 EA U3		L	.PV321DCKR	I.C., OP AMP, SINGLE RAIL TO RAIL OUT, SC-70-05		TEXAS INSTRUMENTS LPV321DCKR SPC DOCUMENT 853380	
9	1.00 EA FB1		Е	BLM15HG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM, 250mA, 0402		MURATA ERIE BLM15HG102SN1D SPC DOCUMENT 853860	
1	1.00 EA Y1		А	ABM3B-24. OOOMHZ*	IC, CRYSTAL, 24.000MHz, SMD		ABRACON CORPROATION ABM3B-24. OOOMHZ-D-R60- SPC DOCUMENT 854027	1WT
_		V45	_	DOCTOD OO TOSICO		400466		

AB26TRB-32. 768K*

IC, CRYSTAL, 32.786MHz,

+/-20PPM, TOL=+/-12.5PPM STABILITY

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

REVISION: A REV DATE: 02/26/09 LIST DATE: 02/26/09 PL - 202937-05 CAGE NO.: 9G490

		B ASSY, GLOBAL STRAP W/ZI				PAGE: 2	
I TEM NO	REQ QTY U/M	REFERENCE DESIGNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRIPTION	MFG ID MA	ANUFACTURER NAME ANUFACTURER PART NO	SUB ASY
24	2.00 EA	B1, B2	500672	ALTERED ITEM DRAWING, BATTERY, TADIRAN, TL-5955 GT		/STEM PLANNING CORP. 00672	N
26	1.00 EA	DS2	SML-LX0603SIW-TR	IC, LED, RED, 2 VOLT, 20mA, 0603	SN spcdoc SF	JMEX OPTOELECTRONICS JL-LX0603SIW-TR PC DOCUMENT 53868	N
27	1.00 EA	DS1	SML-LX0603SYW-TR	IC, LED, YELLOW, 2 VOLT, 20mA, 0603	SN spcdoc SF	JMEX OPTOELECTRONICS JL-LX0603SYW-TR PC DOCUMENT 53865	N
29	2.00 EA	L5, L6	BLM18AG102SN1D	BEAD, FERRITE, FILTER CHIP, 1000 OHM 400mA, 0603	BL spcdoc SF	JRATA ERIE _M18AG102SN1D PC DOCUMENT 53887	N
30	2.00 EA	L1, L4	LQP15MN5N1BO2	INDUCTOR, 5.1NH, +/-0.1 NH, 140mA, CHIP FILM, 0402	LC spcdoc SF	JRATA ERIE DP15MN5N1BO2 PC DOCUMENT 53849	N
31	1.00 EA	L2	LQG18HN3N3SOOD	INDUCTOR, 3.3nH, +/- 0.3 nH, MULTILAYER FILM, 0603	LC spcdoc SF	JRATA ERIE DG18HN3N3SOOD PC DOCUMENT 51670	N
32	1.00 EA	L23	LQP15MN2NOBO2	INDUCTOR, 2.0NH, +/-0.1 NH, 220mA, CHIP FILM, 0402	LC spcdoc SF	JRATA ERIE 2P15MN2NOBO2 PC DOCUMENT 53852	N
33	1.00 EA	L3	LQG18HN2N7S00D	INDUCTOR, 2.7NH, +/-0.3 NH, 300mA, 0603 MULTI- LAYER FILM	LC spcdoc SF	JRATA ERIE QG18HN2N7SOOD PC DOCUMENT 53851	N
34	1.00 EA	D1	BAV99RWT1G	IC, DIODE, SWITCH, SS, DUAL 70 VOLT, SOT-323	BA spcdoc SF	N SEMICONDUCTOR AV99RWT1G PC DOCUMENT 54088	N
35	1.00 EA	D2	BAS7004E6327	IC, DIODE, SCHOTTKEY, DUAL 70 VOLT, SOT-23	INFIN IN	NFI NEON AS7004E6327	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

PL - 202937-05 REVISION: A REV DATE: 02/26/09 CAGE NO.: 9G490 LIST DATE: 02/26/09

		CB ASSY, GLOBAL STRAP W/ZI					PAGE: 3 OF	
I TEM NO I	REQ QTY U/M	REFERENCE DESIGNATORS	CAGE NO.	COMPONENT /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
						spcdoc	SPC DOCUMENT 853890	
36	0.00 EA	(DNI : D3, D4)		MBR0520L	DI ODE, SCHOTTKY, O. 5AMPS 20 VOLT, SOD-123		FAIRCHILD SEMICONDUCTOR MBR0520L SPC DOCUMENT 854105	N
43	2.00 EA	R1, R4		CRCW040210K0JNED	RESISTOR, CHIP, 10K OHM, 1/16 WATT, 5%, 0402, SMD		VI SHAY, SPRAUGE CRCW040210KOJNED SPC DOCUMENT 853917	N
48	1.00 EA	R20		ERJ-6ENF1000V	RESISTOR, CHIP, 100 OHM, 1/8 WATT, TOL=5%, SMD, 0805		PANASONI C ELECTRONI CS ERJ-6ENF1000V SPC DOCUMENT 853913	N
49	4.00 EA	R15, R16, R18, R19 (DNI: R3, R14)		ERJ-6GEYOROOV	RESISTOR, CHIP, O OHM, 1/8 WATT, 5%, 0805, SMD		PANASONI C ELECTRONI CS ERJ-6GEYOROOV SPC DOCUMENT 853837	N
50	3.00 EA	R12, R13, R24		ERJ-6GEYJ104V	RESISTOR, CHIP, 100K OHM 5%, 1/8 WATT, 0805 PACK, SMD		PANASONIC ELECTRONICS ERJ-6GEYJ104V SPC DOCUMENT 852916	N
51	1.00 EA	R17		ERJ-6GEYJ105V	RESISTOR, CHIP, 1MEG OHM 5%, 1/8 WATT, 0805 PACK, SMD		PANASONIC ELECTRONICS ERJ-6GEYJ105V SPC DOCUMENT 853883	N
52	2.00 EA	R5, R7		ERJ-2GEJ1ROX	RESISTOR, CHIP, 1 OHM, 5%, 1/16 WATT, 0402 PACK SMD		PANASONIC ELECTRONICS ERJ-2GEJ1ROX SPC DOCUMENT 853855	N
53	1.00 EA	R9		ERJ-2GEJ2R7X	RESISTOR, CHIP, 2.7 OHM, 5%, 1/16 WATT, 0402 PACK SMD		PANASONIC ELECTRONICS ERJ-2GEJ2R7X SPC DOCUMENT 853858	N
54	1.00 EA	R6		ERJ-2GEJ332X	RESISTOR, CHIP, 3.3K OHM 5%, 1/16 WATT, 0402 PACK SMD		PANASONIC ELECTRONICS ERJ-2GEJ332X SPC DOCUMENT	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

 REVISION: A REV DATE: 02/26/09 LIST DATE: 02/26/09

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AL STRAP W/ZIGBEE, & PROGRAMMING INT

I TEM NO	REQ QTY U/M	REFERENCE DESI GNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
55	3.00 EA	R2, R10, R11	ERJ-2GEJ561X	RESISTOR, CHIP, 560 OHM 5%, 1/16 WATT, 0402 PACK SMD	853856 PANAS PANASONI C ELECTRONI CS ERJ-2GEJ561X spcdoc SPC DOCUMENT 853854	N
56	1.00 EA	R8	ERJ-2RKF1693X	RESISTOR, CHIP, 169K OHM 5%, 1/16 WATT, 0402 PACK SMD	PANAS PANASONI C ELECTRONI CS ERJ-2RKF1693X spcdoc SPC DOCUMENT 853857	N
57	1.00 EA	R21	ERJ-3EKF1001V	RESISTOR, 1K OHM, 1/16 WATT, 1%, SMD, 0603,	PANAS PANASONI C ELECTRONI CS ERJ-3EKF101V spcdoc SPC DOCUMENT 851466	N
58	1.00 EA	R22	ERJ-6ENF7500V	RESISTOR CHIP, 750 OHM, 1/8WATT, 1%, 0805, SMD	PANAS PANASONI C ELECTRONI CS ERJ-6ENF7500V spcdoc SPC DOCUMENT 853382	N
59	1.00 EA	R23	ERJ-6GEYJ301V	RESISTOR CHIP, 300 OHM, 1/8WATT, 1%, 0805, SMD	PANAS PANASONI C ELECTRONI CS ERJ-6GEYJ301V spcdoc SPC DOCUMENT 854187	N
65	3.00 EA	C24, C25, C58	ECJ-0EC1H010C	CAPACITOR, CHIP, 1pF, +/- 0.25pF, 50VOLT, COG, NPO, 0402	PANAS PANASONI C ELECTRONI CS ECJ-0EC1H010C spcdoc SPC DOCUMENT 853848	N
67	1.00 EA	C2	ECJ-1VF1A225Z	CAPACITOR, CHIP, 2.2uF, +/- 20%, 10 VOLT, 0603 PACKAGE	PANAS PANASONI C ELECTRONI CS ECJ-1VF1A225Z spcdoc SPC DOCUMENT 851731	N
68	3.00 EA	C28, C29, C30	ECJ-2FC2D101J	CAPACITOR, CHIP, 100pF, +/- 5%, 200 VOLT, 0805 PACKAGE	PANAS PANASONI C ELECTRONI CS ECJ-2FC2D101J spcdoc SPC DOCUMENT 853889	N
73	1.00 EA	C19	CC1206KRX7R9BB2*	CAPACI TOR, CHI P, 220pF 50 VOLT, X7R, TOL=10% 1206	YAGEO YAGEO ELECTRONICS CC1206KRX7R9BB221 spcdoc SPC DOCUMENT 854189	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209

REVISION: A REV DATE: 02/26/09 LIST DATE: 02/26/09 PL - 202937-05 CAGE NO.: 9G490

LI:	ST TITLE: PO	B ASSY, GLOBAL STRAP W	/ZIGBEE, & PROGRAMMING INTERF	FACE		PAGE: 5	OF 6
I TEM NO	REQ QTY U/N	REFERENCE DESIGNATORS	CAGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
74	2.00 EA	C38, C39	GRM39X7R104K016D	CAPACITOR, SURFACE MT, 0. 1uF, (0603)		MURATA ERIE GRM39X7R104K016AD SPC DOCUMENT 850221	N
75	1.00 EA	C18	GRM2165C2A201JA*	CAPACITOR, CERAMIC, 200pF 100 VOLT, 5% TOL, COG 0805		MURATA ERIE GRM2165C2A2O1JAO1D SPC DOCUMENT 853888	N
76	10.00 EA	C1, C3, C10, C12-C17, C32	GRM155R71E103KA*	CAPACITOR, 10 NF, +/-10% 25 VOLT, X7R, 0402		MURATA ERIE GRM155R71E103KAO1D SPC DOCUMENT 853840	N
77	0.00 EA	(DNI : C21)	GRM1555C1H180JZ*	CAPACITOR, 18PF, 50VOLT +/- 0.25PF, COG, X7R, 0402		MURATA ERIE GRM1555C1H180JZ01D SPC DOCUMENT 853847	N
78	2.00 EA	C4, C5, (DNI: C20)	GRM1555C1H270JZ*	CAPACITOR, 27PF, 50VOLT +/- 5%, COG, 0402		MURATA ERIE GRM1555C1H27OJZO1D SPC DOCUMENT 853841	N
79	1.00 EA	C11	GRM1555C1H8RODZ*	CAPACITOR, 8PF, 50VOLT +/- 0.5PF, COG, NPO, 0402		MURATA ERIE GRM1555C1H8RODZO1D SPC DOCUMENT 853844	N
80	2.00 EA	C22, C26	GRM1555C1HR75CZ*	CAPACI TOR, 0. 75PF, 50V0LT +/- 0. 25PF, COG, NPO, 0402		MURATA ERIE GRM1555C1HR75CZO1D SPC DOCUMENT TBD	N
81	3.00 EA	C7, C8, C9	GRM155R71C104KA*	CAPACITOR, 0.1UF, 16V0LT +/- 10%, X7R, 0402		MURATA ERIE GRM1555R71C104KA88D SPC DOCUMENT 853843	N
82	1.00 EA	C23	GRM1555C1H1R8CZ*	CAPACITOR, 1.8PF, 50V0LT +/- 0.25PF, COG, X7R, 0402		MURATA ERIE GRM1555C1H1R8CZO1D SPC DOCUMENT 853847	N
88	0.00 EA	(DNI: C33, C34, C36, C37, C50	O) F921V104MAA	CAPACITOR, TANTALUM,	NI CH	NI CHI CON ELECTRONI CS	N

SYSTEM PLANNING CORPORATION 1000 WILSON BLVD ARLINGTON, VA 22209 REVISION: A REV DATE: 02/26/09 LIST DATE: 02/26/09

LIS	ST TITLE: PO	CB ASSY, GLOBAL STRAP W/ZIGBI	EE, & PROGRAMMING INTER	FACE		PAGE: 6	0F 6
I TEM NO	REQ QTY U/N	C/ I REFERENCE DESIGNATORS I	AGE COMPONENT NO. /SUBSTITUTE	COMPONENT DESCRI PTI ON	MFG ID	MANUFACTURER NAME MANUFACTURER PART NO	SUB ASY
				O. 1UF, 35VOLT, 20%, SMD	spcdoc	F921V104MAA SPC DOCUMENT 853376	
89	1.00 EA	C6	T491A106K010AT	CAPACITOR, TANTALUM, 10uF, +/- 10%, 10 VOLT, 3216 SIZEA		KEMET ELECTRONICS T491A106K010AT SPC DOCUMENT 853842	N
90	0.00 EA	(DNI: J1)	102972-2	CONNECTOR-BREAKAWAY, SINGLEN ROW, VERTICLE, 2 POSITION	AMP spcdoc	AMP INCORPORATED 102972-2 SPC DOCUMENT 850267	N
91	1.00 EA	J2	FTSH-105-01-F-DV	CONNECTOR, MICRO-HEADER, 10 PIN, FTSH SERIES, .05 PITCH		SAMTEC ELECTRONICS FTSH-105-01-F-DV SPC DOCUMENT 853912	N
95	0.00 EA	(DNI : J4)	SMO4B-GHS-TB(LF*	CONNECTOR, HEADER, GH SIDE 4 POSITION, 1.25MM	JST spcdoc	JST SMO4B-GHS-TB(LF)(SN) SPC DOCUMENT 853891	N
98	2.00 EA	E20, E21	R4027006	COUPLING, BRASS, BUSHING THRU-HOLE, HYPERSION SEAL		EJ BROOKS COMPANY R4027006 SPC DOCUMENT 853870	N
100	1.00 EA	F2	MI CROSMDO10F-2	POLYSWITCH, O.1 AMP, RESETABLE FUSE, SMD		TYCO ELECTRONICS MICROSMD010F-2 SPC DOCUMENT 854102	N
110	0.00 EA		20-3001NC-50ML	POTTING EPOXY, 2 PART, 1:1, 50 ML CARTRIDGE		WWW. EPOXI ES. COM 20-3001NC-50ML SPC DOCUMENT 853480	N

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