

Parts List

511240-0001

ASSY,DA830 USER INTERFACE BOARD
SUBA

Type	PL	PCB Package
Revision	C	ION Footprint
Status	U	Package Qty
Date	7/2/2008	Bin Loc.
By		Product Class
		SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
PCB Package					Mfr P/N
1	1 each	511241-0001R	DWG C	PWB,DA830 USER INTERFACE BOARD CSTM	
2	1 each	511242-0001	DOC C	LOGIC,DA830 USER INTERFACE BOARD SCH	
5	1 each	102845-0001R	PS	IC,SO16,FLASH,32MEG,3V MATL	U9 S25FL032A0LMFI001
		SOL16			
6	1 each	102600-0004R	PS	IC,TSOP48,FLASH,4G,3.3V MATL used for Jacinto testing	U3 MT29F4G08AACWC:C
		TSOP48			
7	2 each	102179-0001R	PS	IC,TSSOP56,74CBTLV16292,12-BIT MATL	U1, U2 74CBTLV16292GRE4
		TSSOP56			
8	1 each	102839-0001R	PS	IC,TSSOP24,9-BIT BUS-INTERFACE FLIP-FLOP MATL	U5 SN74LVC823APWT
		SO24PWA			
9	1 each	102371-0001R	PS	IC,TSSOP,REMOTE 8-BIT I/O EXPANDER FOR I2C MATL	U14 PCF8574APWRG4
		TSSOP20			
10	1 each	102285-0090R	PS	IC,TSOP40,FLASH,32M,3V,90nS MATL	U7 S29AL032D90TFI000
		TSOP40			
11	1 each	102545-0022R	PS	IC,SON8,22V,CONSTANT CURRENT LED DRIVER MATL	U11 TPS61062DRB
		DRB8			
12	4 each	101057-0032R	PS	IC,SO5,SINGLE 2-INPUT POSITIVE-OR GATE MATL	U10, U4, U6, U8 SN74LVC1G32DCKRG4
		DCK5			
13	1 each	100656-0074R	PS	IC,SO14,74LVC74,DUAL D-TYPE FLIP-FLOP MATL	U12 74LVC74AD
		SO14			
14	1 each	102821-0001R	PS	IC,MSOP8,LDO REGULATOR,250mA MATL	U15 TPS77301DGK
		DGK8			

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PCB Package					Mfr P/N
15	3 each	101057-0002R	PS	IC,S05,SINGLE NOR-GATE MATL	U16, U17, U13 SN74LVC1G02DCKR
				DCK5	
17	2 each	102109-0001R	PS	TRANSISTOR,SOT23,SWITCHING MATL	Q1, Q2 FJV3109RMTF
				SOT23-NPN	
20	1 each	102828-0001R	PS	DISPLAY,LCD,320 X 240 PIXELS,COLOR MATL	XJ1 LQ035Q3DG01
				LCDLQ035	
26	2 each	100823-0001R	PS	LED,SMT 1206,GREEN MATL	DS1, DS2 LTST-C150GKT
				EIA1206D	
30	1 each	101018-0221R	PS	INDUCTOR,SMT,22uH MATL	L1 CDRH74NP-220MC
				IND-DUAL	
38	2 each	102846-0220R	PS	CAP,TANT,SMT 1206,2.2uF,35V MATL	C17, C22 TAJA225K035R
				EIA1206P	
39	11 each	102847-0220R	PS	CAP,TANT,SMT 1206,2.2uF,16V MATL	C23, C25, C26, C28, C29, C30, C32, C33, C34, C35, C36 F931C225MAA
				EIA1206P	
40	4 each	101003-0101R	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL	C16, C38, C45, C49 T491A106M006AT
				EIA1206P	
41	1 each	101866-0220R	PS	CAP,CER,SMT 1206,2.2uF,16V,+/-10%,X7R MATL	C7 EMK316BJ225KL-T
				EIA1206	
45	6 each	100934-1210R	PS	CAP,CER,SMT 0805,.22uF,16V,+/-10%,X7R MATL	C18, C19, C20, C21, C24, C27 ECJ-2VB1C224K
				EIA0805	
50	4 each	101007-0100R	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL	C40, C41, C42, C43 ECJ-1VB0J105K
				EIA0603	
55	20 each	101587-1100R	PS	CAP,CER,SMT 0402,.1uF,10V,+/-10%,X5R MATL	C10, C11, C12, C13, C14, C15, C2, C31, C37, C4, C44, C46, C48, C5, C50, C51, C6, C8, C9, C39 C0402C104K8PAC
				EIA0402	
56	3 each	101587-1101R	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R MATL	C1, C3, C47 C0402C103K4RAC
				EIA0402	

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58	1 each	101069-1002R	PS	RES,NETWORK,SMT,16 PIN,8 RES,1K MATL	RN1
		EXB-2HVS			EXB-2HV102JV
60	30 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R1, R2, R3, R30, R31, R39, R4, R40, R41, R44, R45, R46, R47, R50, R51, R52, R53, R54, R57, R58, R16, R80, R82, R84, R86, R88, R15, R24, R91, R94
		EIA0402			RC0402JR-070RL
61	5 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R20, R21, R22, R23, R93
		EIA0402			RC0402JR-07100RL
62	29 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R10, R11, R12, R13, R26, R27, R28, R29, R32, R33, R34, R35, R36, R38, R42, R43, R49, R59, R64, R69, R70, R71, R72, R73, R74, R198, R199, R68, R63
		EIA0402			RC0402JR-0710KL
63	4 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R6, R7, R8, R9
		EIA0402			RC0402JR-071KL
64	3 each	101370-3601R	PS	RES,SMT 0402,360 OHM,5%,1/16 WATT MATL	R5, R200, R201
		EIA0402			RC0402JR-07360RL
65	6 each	101370-2002R	PS	RES,SMT 0402,2K,5%,1/16 WATT MATL	R17, R18, R60, R61, R65, R66
		EIA0402			RC0402JR-072KL
67	2 each	100687-0001R	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL	R89, R90
		EIA0603			ERJ-3GEY0R00V
70	1 each	100642-3013R	PS	RES,SMT 0603,30.1K OHM,1%,1/16 WATT MATL	R79
		EIA0603			ERJ-3EKF3012V
71	1 each	100642-5363R	PS	RES,SMT 0603,53.6K OHM,1%,1/16 WATT MATL	R78
		EIA0603			ERJ-3EKF5362V
75	1 each	100155-1200R	PS	RES,SMT 1206,12 OHM,5%,1/8 WATT MATL	R48
		EIA1206			RC1206JR-0712RL

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76	2 each	100155-0001R EIA1206	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL	R62, R67 RC1206JR-070RL
80	1 each	101667-2003R SMT POT3361	PS	RES,SMT,VAR,20K,TOP ADJUST,SINGLE TURN MATL	R55 3361P-1-203GLF
85	2 each	102830-0001R MC-V290	PS	ENCODER,2 BIT QUADRATURE W/ MOMENTARY MATL	ENC1, ENC2 290VAA5F201B1
90	1 each	101184-0004R SMTDIPSW4A	PS	SWITCH,DIP,SMT,HALF-PITCH,4 POS. MATL	SW1 TDA04H0SB1R
92	4 each	101215-0001R 101215	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	SW3, SW4, SW5, SW6 EVQ9P105M
100	1 each	102838-0067R FH26G-67S	PS	CONN,SMT,RECEPTACLE,67 POS.,.3mm SPC. MATL	J1 FH26G-67S-0.3SHBW(05)
101	1 each	102620-0020R QTE-020	PS	CONN,SMT,HEADER,20x2,.316H,.8mm,HI-SPEED MATL	P1 QTE-020-02-L-D-A
102	1 each	102620-0040R QTE-040	PS	CONN,SMT,HEADER,40x2,.316H,.8mm,HI-SPEED MATL	P2 QTE-040-02-L-D-A
103	1 each	100585-0008R CON8X2	PS	CONN,BOX,FEMALE,.1,8X2 MATL	J2 M20-7830842
105	1 each	101606-0048R TSOP48SMT SOCKET	PS	SOCKET,TSOP48,ZIF,DUAL HINGE MATL	XU3 980020-48-P2-K
106	2 each	102843-0001R	PS	KNOB,BLACK,.63 DIA X .57 H,6mm SHAFT MATL	XENC1, XENC2 P670S-08-D6N
113	2 each	101048-0004R	PS	BUMPER,#4,RECESSED,.5 DIA.,.25H MATL	 720
114	2 each	100455-0250R	PS	SPACER,HEX,BRASS,4-40,.25 O.D. X .250L MATL	 2100-440-B-12

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PCB Package					Mfr P/N
115	4 each	100329-0187R	PS	SCREW,PHILLIPS,PAN,SS,4-40 X .187 MATL	0440X0187PNPHSSPS
116	1 each	102808-0002	PS	VELCRO TAB, ROUND,5/8",WHITE MATL	91047
120	14 each	R0402-NOPOP	PS	NP	R37, R56, R75, R76, R77, R95, R14, R19, R81, R83, R85, R87, R92, R202
EIA0402					
121	68 each	NO-POP	PS	NP	TP1, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP2, TP20, TP21, TP22, TP23, TP24, TP25, TP26, TP27, TP28, TP29, TP3, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP4, TP40, TP41, TP42, TP43, TP44, TP45, TP46, TP47, TP48, TP49, TP5, TP50, TP51, TP52, TP54, TP55, TP56, TP57, TP58, TP59, TP6, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP7, TP9, TP69, P5, D1
NO-POP					