

# Parts List

## 510840-0001R

ASSY,DM365 EVM  
SUBA

Type	PL	PCB Package	
Revision	F	ION Footprint	
Status	U	Package Qty	1
Date	2/21/2008	Bin Loc.	*
By		Product Class	SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint			Mfr Name	Mfr P/N
1	1 each	510841-0001R	DWG D	PWB,DM365 EVM CSTM		
2	1 each	510842-0001	DOC D	LOGIC,DM365 EVM SCH		
6	1 each	102942-0005R	PS	IC,BGA337,.65mm,DIGITAL MEDIA MATL	U18	
				Texas Instruments	TMS320DM365ZCE30	
7	1 each	102445-0005R	PS	IC,BGA256,FPGA,2210 GATES,MAX II,1.8V MATL	U33	
		bga256-18rd		Altera Corporation	EPM2210GF256C5N	
8	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL	U29	
		so8-25x75-295		Replaced 101025-0001R. Backwards compatible. Catalyst Semiconductor, Inc.	CAT24C256WI-GT3	
9	1 each	102655-0001R	PS	IC,SO8,SPI SERIAL EEPROM,64K,2.7V MATL	U16	
		so8-25x75		Atmel Corporation	AT25640AN-10SU-2.7 SL383	
10	1 each	102727-0001R	PS	IC,BGA63,ONE NAND FLASH MEMORY,1G MATL	U27	
		bga_6x8_8mm_flash		Samsung	KFG1G16U2B-DIB6000	
11	1 each	102085-0030R	PS	IC,BGA84/92,DDR2 SDRAM,1G,3nS MATL	U19	
		BGA92-13P8-MICRON		Micron Technology, Inc.	MT47H64M16HR-3:G	
12	1 each	102512-0001R	PS	IC,PQFP100,TRIPLE 8/10-BIT,VIDEO AND MATL	U20	
		pzp100-12x70-slug		Texas Instruments	TVP7002PZP	
15	1 each	101916-0001R	PS	IC,PQFP80,VIDEO DECODER,4 X 10 BIT MATL	U24	
		pfp80-11x70		Texas Instruments	TVP5146PFP	
16	1 each	102774-0001R	PS	IC,QFN48,DC-DC CONVERTER MATL	U14	
		rsl48-8x33		Texas Instruments	TPS65530ARSLT	

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17	1 each	102322-0001R	PS	IC,QFP48,PHYSICAL LAYER TRANSCEIVER MATL	U5
		lqfp48-12x60		Micrel Incorporated	KSZ8001L
20	1 each	102659-0016R	PS	IC,TSOP48,NAND FLASH,16G,3.3V MATL	U28
				Micron Technology, Inc.	MT29F16G08FAAWC:A
21	2 each	102513-0001R	PS	IC,TSSOP56,74CBT16214,12-BIT MATL	U17, U21
		dgg56-12x80		Texas Instruments	SN74CBT16214CDGGR
22	2 each	102693-0001R	PS	IC,TSSOP56,74CBTLV16212,LOW VOLTAGE, MATL	U10, U37
		dgg56-12x80		Texas Instruments	SN74CBTLV16212GR
25	1 each	102486-0001R	PS	IC,TSSOP24,8-BIT DUAL SUPPLY BUS MATL	U13
		pw24-14x70		Texas Instruments	SN74AVC8T245PWR
26	1 each	102570-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U23
		pw20-14x70		Texas Instruments	THS7303PWR
27	1 each	102541-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U15
		pw20-14x70		Texas Instruments	THS7353PW
28	1 each	101691-0001R	PS	IC,TSSOP16,RS-232 DRIVER/RECEIVER MATL	U3
		pw16-14x70		Texas Instruments	MAX3221CPWR
29	1 each	102781-0001R	PS	IC,TSSOP14,MIXED SIGNAL MATL	U2
		pw14-12x70		Texas Instruments	MSP430F2013IPWR
30	2 each	101249-0001R	PS	IC,SSOP28,DUAL LOW-DROPOUT VOLTAGE MATL	U30, U42
		PWP28-14X70		Texas Instruments	TPS767D301PWPR
35	1 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL	U4
		so8-25x75		Texas Instruments	TPS2065DR
36	1 each	101057-0007R	PS	IC,SO5,SINGLE BUFFER/DRIVER MATL	U39
		dck-5		Texas Instruments	SN74LVC1G07DCKR
37	3 each	102752-0001R	PS	IC,SMT,LINEAR REGULATOR,500mA MATL	U22, U31, U41
		drc10-11x33		Texas Instruments	TPS74701DRCR

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38	1 each	102784-0001R drc10-11x33	PS	IC,SMT,BOOST CONVERTER MATL	U34 Texas Instruments TPS61080DRCT
39	6 each	101670-0001R tssop16-14x70	PS	IC,QSOP16,LOW VOLTAGE,QUAD 2:1 MATL	U11, U12, U25, U26, U38, U40 Texas Instruments SN74CBTLV3257PWR
40	1 each	102780-0001R QFN32_202SQ	PS	IC,QFN32,LOW POWER STEREO AUDIO CODEC MATL	U7 Texas Instruments TLV320AIC3101IRHBT
41	1 each	102783-0001R rgt16-12x34	PS	IC,QFN16,BATTERY BACKUP IC MATL	U9 Texas Instruments TPS65510RGT
42	1 each	101722-0001R dbv6-27x39-6	PS	IC,DBV6,LINEAR REGULATOR,ADJUSTABLE MATL	U36 Texas Instruments TPS79301DBVR
43	1 each	102020-0009R DBV6-27X39-6	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U50 Texas Instruments TPS3808G09DBVR
44	1 each	101647-0001R dbv-20x60-5	PS	IC,SO5,REGULATOR,SHUNT,LOW-VOLTAGE,ADJ MATL	U114 Texas Instruments TLV431ACDBVR
45	1 each	102171-0001R tsop34840-6545	PS	INFRARED RECEIVER,THRU-HOLE,40kHz MATL	U1 Vishay Intertechnology TSOP34840
55	1 each	100983-0012R OSC4-71X79	PS	OSC,SMT,12 MHZ MATL	U35 CTS Electronics Corporation CB3LV-3C-12M0000
56	1 each	100983-0025R OSC4-71X79	PS	OSC,SMT,25 MHZ MATL	U6 CTS Electronics Corporation CB3LV-3C-25M0000
57	1 each	100983-0027R OSC4-71X79	PS	OSC,SMT,27 MHZ MATL	U8 CTS Electronics Corporation CB3LV-3C-27M0000
58	2 each	102883-0032R xtal4-23x47-ssp-t7	PS	CRYSTAL,SMT,32.768kHz MATL	Y2, Y4 Seiko Instruments USA, Inc. SSPT7F-12.5PF20PPM

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59	1 each	101590-0143R  xtal2-75x94	PS	CRYSTAL,SMT,6mm,14.31818 MHZ MATL  Citizen America Corporation	Y3  CS10-14.31818MABJ-UT
60	1 each	101590-0240R  xtal2-75x94	PS	CRYSTAL,SMT,6mm,24 MHZ MATL  Citizen America Corporation	Y1  CS10-24.000MABJ-UT
65	1 each	101787-0001R  DBV6-27X39-6	PS	TRANSISTOR,SMT,DUAL LOAD SWITCH MATL  Fairchild Semiconductor	U32  FDC6331L
66	1 each	102789-0001R  vec8-12x45	PS	TRANSISTOR,SOIC,DUAL MOSFET,N AND P MATL  Sanyo Electronic Components Co. Ltd.	Q1  VEC2611
67	5 each	100680-0001R  SOT23-28X44-GSD	PS	TRANSISTOR,SOT23,MOSFET,N-CHANNEL,BSS1 MATL All ZETEX Pb-free product boxes and reels will have a green "Pb-free plating" label attached.  Zetex, Inc.	Q10, Q2, Q7, Q8, Q9  BSS138TA
68	3 each	102788-0001R  sc70-3m	PS	TRANSISTOR,SC-70,NPN,100mA MATL  Rohm Corporation	Q4, Q5, Q6  DTC114EUAT106
70	1 each	101808-0006R  SMC-80X128	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V MATL  Diodes, Inc.	D1  SMCJ6.0A-13-F
71	5 each	102220-0001R  sod123-36x48	PS	DIODE,SOD-123,SCHOTTKY POWER,,5A MATL  Motorola, Inc.	D2, D3, D4, D5, D8  MBR0530T1G
72	1 each	100695-0002R  SOT23-28X44	PS	DIODE,SOT23,REFERENCE,4.1V MATL  National Semiconductor	D6  LM4040CIM3X-4.1/NOPB
75	9 each	100823-0001R  led1206-59x59	PS	LED,SMT 1206,GREEN MATL  LITEON	DS1, DS2, DS3, DS4, DS5, DS6, DS7, DS8, DS9  LTST-C150GKT
80	6 each	101919-0270R  L603-35x45	PS	INDUCTOR,SMT 0603,2.7uH,+/-10% MATL  TDK Corporation	L69, L70, L72, L75, L76, L77  MLF1608A2R7K
81	2 each	101584-0100R  L805-35x60	PS	INDUCTOR,SMT 0805,1uH MATL  Associated Components Technology, Inc.	L2, L3  CI0805-1R0K-R

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82	3 each	102867-0151R  ind_sds680	PS	INDUCTOR,SMT,15uH,SHIELDED MATL	L10, L12, L17  API Delevan SDS680R-153M
84	1 each	102867-0330R  ind_sds680	PS	INDUCTOR,SMT,3.3uH,SHIELDED MATL	L18  API Delevan SDS680R-332M
85	1 each	102869-0470R  ind2-35x51	PS	INDUCTOR,SMT,4.7uH MATL	L13  TDK Corporation VLF3012AT-4R7MR74
86	5 each	102867-0470R  ind_sds680	PS	INDUCTOR,SMT,4.7uH,SHIELDED MATL	L11, L15, L19, L35, L8  API Delevan SDS680R-472M
90	1 each	103129-0001R  mic_th	PS	MICROPHONE,CYLINDRICAL,.38 DIA. MATL	M1  Projects Unlimited AOM-4544P-2-R
95	7 each	101858-1201R  l603-35x45	PS	FERRITE BEAD,SMT 0603,120 OHM MATL	L22, L27, L43, L58, L59, L73, L31  Murata Electronics BLM18AG121SN1D
96	23 each	101228-2201R  l805-35x60	PS	FERRITE BEAD,SMT 0805,220 OHMS MATL	L1, L20, L21, L23, L24, L38, L39, L4, L40, L41, L42, L44, L45, L46, L47, L49, L5, L50, L52, L55, L6, L80, L9  Murata Electronics BLM21PG221SN1D
97	40 each	101126-0001R  FB1806-41X70	PS	FERRITE BEAD,SMT 1806,75 OHMS MATL	L14, L16, L25, L26, L28, L29, L30, L32, L33, L34, L36, L37, L48, L51, L53, L54, L56, L57, L60, L61, L62, L63, L64, L65, L66, L67, L68, L7, L71, L74, L78, L79, L81, L83, L84, L85, L86, L88, L91, L92  Murata Electronics BLM41PG750SN1L
98	10 each	102569-1470R  emi-NFM21p	PS	FILTER,SMT 0805,EMI,.47uF,16V MATL	E1, E10, E2, E3, E4, E5, E6, E7, E8, E9  Murata Electronics NFM21PC474R1C3D
100	1 each	100872-0004R  FUSEFOLDER-OMNI-BLOK	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1  Littlefuse 0154004.DRT
110	1 each	100995-0471R  c7343-84x118	PS	CAP,TANT,SMT 2816,47uF,10V MATL	C15  Kemet Electronics Corporation T491D476K010AT

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111	1 each	101608-0102R c7343-84x118	PS	CAP,TANT,SMT 2816,100uF,10V MATL Vishay Intertechnology	C2 593D107X9010D2TE3
112	3 each	101893-0332R c7343-84x118	PS	CAP,TANT,SMT 2816,330uF,6.3V,20% MATL AVX Corporation	C108, C112, C115 TPSE337M006R0100
115	4 each	100044-0330R c3528-64x112	PS	CAP,TANT,SMT 1311,3.3uF,16V MATL Nichicon Corporation	C178, C75, C85, C90 F971C335MBA
116	1 each	101824-0102R c3528-64x112	PS	CAP,TANT,SMT 1311,100uF,6V MATL Kemet Electronics Corporation	C107 T491B107M006AT
119	1 each	102359-0680R c1206-40x70p	PS	CAP,TANT,SMT 1206,6.8uF,10V,+/-20% MATL Rohm Corporation	C5 TCA1A685M8R
120	7 each	101953-0331R c1206-40x70p	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL AVX Corporation	C158, C163, C49, C59, C88, C89, C29 TPSA336K006R0600
121	23 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL Kemet Electronics Corporation	C1, C104, C110, C114, C121, C13, C136, C14, C142, C152, C259, C27, C278, C308, C311, C425, C6, C62, C68, C78, C79, C80, C81 T491A106M006AT
125	1 each	101583-1102R EIA1812	PS	CAP,CER,SMT 1812,1000pF,X7R,2KV MATL AVX Corporation	C3 1812GC102KAT1A
126	2 each	101497-0471R C1206-40X70	PS	CAP,CER,SMT 1206,47uF,6.3V MATL Taiyo Yuden	C45, C58 JMK316BJ476ML-T
127	11 each	101694-0470R C1206-40X70	PS	CAP,CER,SMT 1206,4.7uF,16V,X5R MATL Kemet Electronics Corporation	C10, C11, C12, C18, C20, C230, C28, C31, C86, C87, C96 C1206C475K4PAC
128	12 each	101064-0221R C1206-40X70	PS	CAP,CER,SMT 1206,22uF,10V MATL Taiyo Yuden	C162, C217, C22, C23, C30, C35, C39, C41, C43, C50, C57, C98 LMK316F226ZL-T

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129	15 each	101497-0101R	PS	CAP,CER,SMT 1206,10uF,6.3V MATL	C100, C105, C106, C155, C159, C279, C37, C420, C421, C428, C429, C430, C431, C83, C99
		C1206-40X70		Taiyo Yuden	JMK316B7106ML-T
135	3 each	100993-6803R	PS	CAP,CER,SMT 0603,680pF,50V,+/-10%,X7R MATL	C312, C341, C363
		c603-35x45		AVX Corporation	06035C681KAT2A
136	1 each	100993-1472R	PS	CAP,CER,SMT 0603,4700pF,50V,+/-10%,X7R MATL	C72
		c603-35x45		AVX Corporation	06035C472KAT2A
137	3 each	101637-1334R	PS	CAP,CER,SMT 0603,33pF,100V,+/-5%,NPO MATL	C111, C367, C368
		c603-35x45		Panasonic	ECJ-1VC2A330J
140	6 each	100993-3303R	PS	CAP,CER,SMT 0603,330pF,50V,+/-10%,X7R MATL	C316, C317, C337, C351, C354, C370
		c603-35x45		AVX Corporation	06035C331KAT2A
141	5 each	101103-1274R	PS	CAP,CER,SMT 0603,27pF,50V,+/-5%,NPO MATL	C32, C352, C353, C52, C53
		c603-35x45		Panasonic	ECJ-1VC1H270J
142	2 each	100993-1273R	PS	CAP,CER,SMT 0603,270pF,50V,+/-10%,X7R MATL	C101, C102
		c603-35x45		AVX Corporation	06035C271KAT2A
145	1 each	101002-1224R	PS	CAP,CER,SMT 0603,22pF,50V,+/-5%,NPO MATL	C175
		c603-35x45		Panasonic	ECJ-1VC1H220J
146	3 each	100993-1223R	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL	C122, C128, C137
		c603-35x45		AVX Corporation	06035C221KAT2A
147	23 each	101007-0220R	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL	C103, C156, C164, C182, C183, C191, C192, C194, C212, C214, C24, C25, C26, C313, C314, C315, C324, C334, C348, C359, C419, C422, C61
		c603-35x45		Panasonic	ECJ-1VB0J225K

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148	29 each	101007-0100R	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL	C127, C130, C131, C132, C133, C154, C157, C160, C169, C170, C171, C172, C173, C187, C190, C208, C231, C309, C318, C327, C33, C333, C34, C343, C4, C46, C51, C54, C7
		c603-35x45		Panasonic	ECJ-1VB0J105K
149	1 each	100993-1203R	PS	CAP,CER,SMT 0603,120pF,50V,+/-10%,X7R MATL	C42
		c603-35x45		AVX Corporation	06035C121KAT2A
152	8 each	101001-1104R	PS	CAP,CER,SMT 0603,10pF,50V,+/- .5pF,NPO MATL	C118, C119, C123, C124, C220, C221, C417, C418
		c603-35x45		Panasonic	ECJ-1VC1H100D
153	8 each	100993-1103R	PS	CAP,CER,SMT 0603,100pF,50V,+/-10%,X7R MATL	C377, C378, C379, C386, C405, C409, C411, C412
		c603-35x45		AVX Corporation	06035C101KAT2A
154	1 each	101005-1220R	PS	CAP,CER,SMT 0603,.22uF,10V,+/-10%,X5R MATL	C219
		c603-35x45		Panasonic	ECJ-1VB1A224K
155	1 each	100994-1100R	PS	CAP,CER,SMT 0603,.1uF,16V,+/-10%,X7R MATL	C177
		c603-35x45		Kemet Electronics Corporation	C0603C104K4RAC
156	1 each	100994-1471R	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R MATL	C408
		c603-35x45		Panasonic	ECJ-1VB1C473K
160	2 each	101587-5601R	PS	CAP,CER,SMT 0402,560pF,25V,+/-10%,X7R MATL	C250, C299
		c402-25		Kemet Electronics Corporation	C0402C561K5RAC
161	3 each	101782-1565R	PS	CAP,CER,SMT 0402,5.6pF,50V,+/- .25pF,NPO MATL	C376, C424, C82
		c402-25		Murata Electronics	GJM1555C1H5R6CB01D
162	2 each	101782-1224R	PS	CAP,CER,SMT 0402,22pF,50V,+/-5%,NPO MATL	C222, C223
		c402-25		Kemet Electronics Corporation	C0402C220J5GACTU

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<b>163</b>	<b>160</b> each	<b>101587-1100R</b>	PS	<b>CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R</b> MATL	C120, C125, C126, C129, C134, C138, C139, C140, C141, C143, C144, C145, C146, C147, C148, C149, C150, C151, C153, C16, C161, C165, C166, C17, C180, C181, C184, C185, C186, C189, C19, C195, C196, C197, C201, C202, C205, C206, C21, C211, C213, C227, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C249, C251, C254, C257, C261, C264, C266, C273, C274, C275, C277, C280, C297, C298, C300, C301, C307, C310, C319, C320, C321, C322, C323, C328, C330, C331, C332, C335, C338, C339, C340, C342, C344, C345, C346, C349, C350, C355, C356, C357, C358, C360, C361, C362, C364, C365, C366, C369, C371, C372, C373, C374, C38, C381, C382, C383, C384, C385, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C40, C400, C401, C402, C403, C404, C406, C407, C410, C414, C415, C416, C426, C427, C47, C48, C55, C56, C60, C63, C64, C65, C66, C67, C69, C70, C71, C73, C74, C76, C8, C9, C91, C92, C93, C94, C97
			c402-25	Kemet Electronics Corporation	C0402C104K8PACTU

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<b>165</b>	<b>70</b> each	<b>101587-1101R</b>	PS	<b>CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R</b> MATL	C109, C113, C116, C167, C168, C188, C193, C198, C199, C200, C203, C207, C209, C215, C216, C218, C224, C225, C226, C228, C229, C232, C233, C234, C235, C236, C237, C248, C252, C253, C255, C256, C258, C260, C262, C263, C265, C267, C268, C269, C270, C271, C272, C276, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C302, C303, C304, C305, C306, C329, C347, C36, C77, C95
		c402-25		Kemet Electronics Corporation	C0402C103K4RAC
<b>168</b>	<b>7</b> each	<b>102058-1102R</b>	PS	<b>CAP,CER,SMT 0402,.001uF,50V,+/-10%,X7R</b> MATL	C117, C204, C210, C375, C423, C44, C84
		c402-25		Kemet Electronics Corporation	C0402C102K5RAC
<b>180</b>	<b>4</b> each	<b>101069-2200R</b>	PS	<b>RES,NETWORK,SMT,16 PIN,8 RES,22</b> MATL	RN29, RN32, RN7, RN8
		rpak16-10x25-2hv		Panasonic	EXB-2HV220JV
<b>181</b>	<b>6</b> each	<b>101069-3300R</b>	PS	<b>RES,NETWORK,SMT,16 PIN,8 RES,33</b> MATL	RN17, RN23, RN25, RN33, RN34, RN4
		rpak16-10x25-2hv		Panasonic	EXB-2HV330JV
<b>182</b>	<b>1</b> each	<b>101327-1003R</b>	PS	<b>RES,NETWORK,SMT,8 PIN,4 RES,10K</b> MATL	RN24
		rpak8-10x25-28v		Panasonic	EXB-28V103JX
<b>183</b>	<b>22</b> each	<b>101327-3300R</b>	PS	<b>RES,NETWORK,SMT,8 PIN,4 RES,33</b> MATL	RN1, RN10, RN11, RN12, RN13, RN14, RN15, RN16, RN18, RN19, RN2, RN20, RN21, RN22, RN26, RN27, RN28, RN3, RN30, RN31, RN5, RN6
		rpak8-10x25-28v		Panasonic	EXB-28V330JX
<b>184</b>	<b>1</b> each	<b>101327-2200R</b>	PS	<b>RES,NETWORK,SMT,8 PIN,4 RES,22</b> MATL	RN9
		rpak8-10x25-28v		Panasonic	EXB-28V220JX

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		ION Footprint		Mfr Name	Mfr P/N
190	74 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R303, R314, R317, R318, R321, R322, R331, R337, R345, R376, R378, R379, R389, R391, R412, R419, R421, R422, R423, R424, R425, R426, R430, R433, R435, R437, R449, R453, R455, R466, R468, R470, R477, R478, R479, R480, R483, R506, R507, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R69, R8, R97, R110, R144, R164, R177, R198, R219, R235, R268, R272, R273, R274, R291, R296, R30, R462, R529, R530, R531, R420
		r402-25		Yageo	RC0402JR-070RL
191	17 each	101370-1502R	PS	RES,SMT 0402,1.5K,5%,1/16 WATT MATL	R403, R405, R407, R416, R417, R418, R428, R429, R431, R436, R438, R439, R441, R442, R443, R448, R467
		r402-25		Yageo	RC0402JR-071K5L
192	10 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT MATL	R11, R13, R19, R23, R27, R277, R278, R32, R71, R72
		r402-25		Yageo	RC0402JR-0710RL
193	5 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R151, R432, R463, R64, R65
		r402-25		Yageo	RC0402JR-07100RL
194	11 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R109, R128, R162, R316, R444, R446, R447, R454, R58, R525, R526
		r402-25		Yageo	RC0402JR-07100KL

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195	84 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R1, R114, R115, R116, R117, R130, R131, R14, R143, R149, R157, R161, R17, R175, R176, R178, R186, R188, R197, R211, R213, R215, R217, R220, R222, R223, R224, R243, R244, R245, R246, R247, R248, R249, R25, R250, R251, R253, R255, R26, R266, R267, R295, R298, R301, R326, R364, R367, R375, R377, R380, R390, R392, R402, R413, R414, R415, R445, R460, R472, R473, R481, R484, R487, R488, R490, R492, R494, R497, R503, R504, R505, R510, R59, R60, R7, R368, R369, R370, R371, R372, R373, R16, R257
		r402-25		Yageo	RC0402JR-0710KL
196	10 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R489, R491, R502, R396, R397, R398, R399, R400, R401, R171
		r402-25		Yageo	RC0402JR-0711KL
197	1 each	101370-1005R	PS	RES,SMT 0402,1M,5%,1/16 WATT MATL	R459
		r402-25		Yageo	RC0402JR-0711ML
198	16 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R111, R150, R158, R159, R181, R184, R269, R270, R346, R347, R348, R349, R350, R351, R469, R102
		r402-25		Yageo	RC0402JR-072K2L
200	13 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT MATL	R12, R129, R200, R218, R225, R227, R358, R359, R360, R361, R362, R363, R471
		r402-25		Panasonic	ERJ-2GEJ203X
202	15 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT MATL	R112, R113, R18, R209, R210, R280, R282, R284, R299, R302, R344, R82, R84, R527, R528
		r402-25		Yageo	RC0402JR-0722RL

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		ION Footprint		Mfr Name	Mfr P/N
203	5 each	101370-2201R	PS	RES,SMT 0402,220 OHM,5%,1/16 WATT MATL	R189, R456, R457, R458, R464
		r402-25		Yageo	RC0402JR-07220RL
204	4 each	101370-2002R	PS	RES,SMT 0402,2K,5%,1/16 WATT MATL	R233, R265, R365, R96
		r402-25		Yageo	RC0402JR-072KL
205	34 each	101370-3300R	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT MATL	R132, R134, R135, R136, R137, R138, R140, R142, R145, R148, R160, R165, R166, R167, R168, R169, R170, R22, R221, R275, R276, R279, R327, R330, R332, R62, R70, R73, R74, R76, R79, R81, R91, R93
		r402-25		Yageo	RC0402JR-0733RL
206	13 each	101370-3301R	PS	RES,SMT 0402,330 OHM,5%,1/16 WATT MATL	R152, R172, R174, R193, R194, R381, R382, R383, R384, R385, R386, R387, R388
		r402-25		Yageo	RC0402JR-07330RL
208	8 each	101370-3601R	PS	RES,SMT 0402,360 OHM,5%,1/16 WATT MATL	R228, R236, R238, R239, R262, R286, R328, R47
		r402-25		Yageo	RC0402JR-07360RL
209	2 each	101370-4702R	PS	RES,SMT 0402,4.7K OHM,5%,1/16 WATT MATL	R343, R374
		r402-25		Yageo	RC0402JR-074K7L
210	2 each	101370-4703R	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT MATL	R163, R173
		r402-25		Yageo	RC0402JR-0747KL
220	2 each	102145-1000R	PS	RES,SMT 0402,10 OHM,1%,1/16 WATT MATL	R214, R237
		r402-25		Yageo	RC0402FR-0710RL
221	1 each	102145-1304R	PS	RES,SMT 0402,130K OHM,1%,1/16 WATT MATL	R29
		r402-25		Panasonic	ERJ-2RKF1303X
223	14 each	102145-1002R	PS	RES,SMT 0402,1K,1%,1/16 WATT MATL	R283, R287, R292, R293, R300, R304, R311, R315, R77, R78, R80, R83, R87, R89
		r402-25		Yageo	RC0402FR-071KL
225	1 each	102145-3013R	PS	RES,SMT 0402,30.1K OHM,1%,1/16 WATT MATL	R187
		r402-25		Panasonic	ERJ-2RKF3012X

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230	1 each	102145-3924R	PS	RES,SMT 0402,392K,1%,1/16 WATT MATL	R33
		r402-25		Panasonic	ERJ-2RKF3923X
232	1 each	102145-4991R	PS	RES,SMT 0402,499 OHM,1%,1/16 WATT MATL	R24
		r402-25		Panasonic	ERJ-2RKF4990X
233	1 each	102145-5103R	PS	RES,SMT 0402,51K OHM,1%,1/16 WATT MATL	R185
		r402-25		Panasonic	ERJ-2RKF5102X
234	1 each	100642-5604R	PS	RES,SMT 0603,560K OHM,1%,1/16 WATT MATL	R232
		r603-35x45		Panasonic	ERJ-3EKF5603V
235	1 each	102145-7503R	PS	RES,SMT 0402,75K OHM,1%,1/16 WATT MATL	R28
		r402-25		Panasonic	ERJ-2RKF7502X
236	1 each	100642-8253R	PS	RES,SMT 0603,82.5K OHM,1%,1/16 WATT MATL	R51
		r603-35x45		Panasonic	ERJ-3EKF8252V
250	7 each	100687-0001R	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL	R120, R338, R339, R340, R38, R39, R40
		r603-35X45		Panasonic	ERJ-3GEY0R00V
251	2 each	100687-1001R	PS	RES,SMT 0603,100 OHM,5%,1/16 WATT MATL	R107, R108
		r603-35X45		Panasonic	ERJ-3GEYJ101V
252	4 each	100687-1503R	PS	RES,SMT 0603,15K OHM,5%,1/16 WATT MATL	R404, R406, R410, R440
		r603-35X45		Yageo	RC0603JR-0715KL
253	1 each	100687-2200R	PS	RES,SMT 0603,22 OHM,5%,1/16 WATT MATL	R226
		r603-35X45		Panasonic	ERJ-3GEYJ220V
254	1 each	100687-2005R	PS	RES,SMT 0603,2M OHM,5%,1/16 WATT MATL	R147
		r603-35X45		Panasonic	ERJ-3GEYJ205V
255	1 each	101693-4990R	PS	RES,SMT 0603,49.9 OHM,.5%,1/16 WATT MATL	R50
		r603-35X45		Susumu Co., Ltd.	RR0816Q-49R9-D-68R
256	4 each	100687-5602R	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT MATL	R179, R180, R190, R191
		r603-35x45		Panasonic	ERJ-3GEYJ562V

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257	16 each	100687-5103R	PS	RES,SMT 0603,51K OHM,5%,1/16 WATT MATL	R281, R289, R294, R305, R307, R309, R312, R313, R319, R323, R325, R333, R336, R66, R67, R68 ERJ-3GEYJ513V
		r603-35X45		Panasonic	
270	3 each	100642-1502R	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL	R212, R63, R86 ERJ-3EKF1501V
		r603-35x45		Panasonic	
271	1 each	100642-1003R	PS	RES,SMT 0603,10K OHM,1%,1/16 WATT MATL	R35 ERJ-3EKF1002V
		r603-35x45		Panasonic	
272	1 each	100642-2004R	PS	RES,SMT 0603,200K OHM,1%,1/16 WATT MATL	R36 ERJ-3EKF2003V
		r603-35x45		Panasonic	
273	3 each	100642-1583R	PS	RES,SMT 0603,15.8K OHM,1%,1/16 WATT MATL	R119, R127, R508 ERJ-3EKF1582V
		r603-35x45		Panasonic	
274	1 each	100642-1804R	PS	RES,SMT 0603,180K OHM,1%,1/16 WATT MATL	R254 RC0603FR-07180KL
		r603-35x45		Yageo	
275	1 each	100642-2152R	PS	RES,SMT 0603,2.15K OHM,1%,1/16 WATT MATL	R125 ERJ-3EKF2151V
		r603-35x45		Panasonic	
276	1 each	100642-2102R	PS	RES,SMT 0603,2.1K OHM,1%,1/16 WATT MATL	R126 ERJ-3EKF2101V
		r603-35x45		Panasonic	
277	2 each	100642-1373R	PS	RES,SMT 0603,13.7K OHM,1%,1/16 WATT MATL	R52, R496 ERJ-3EKF1372V
		r603-35x45		Panasonic	
280	1 each	100642-2402R	PS	RES,SMT 0603,2.4K OHM,1%,1/16 WATT MATL	R290 RC0603FR-072K4L
		r603-35x45		Yageo	
285	1 each	100642-2214R	PS	RES,SMT 0603,221K OHM,1%,1/16 WATT MATL	R234 ERJ-3EKF2213V
		r603-35x45		Panasonic	
286	3 each	100642-2671R	PS	RES,SMT 0603,267 OHM,1%,1/16 WATT MATL	R353, R356, R357 ERJ-3EKF2670V
		r603-35x45		Panasonic	
287	3 each	100642-3302R	PS	RES,SMT 0603,3.3K OHM,1%,1/16 WATT MATL	R450, R451, R452 RC0603FR-073K3L
		r603-35x45		Yageo	

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288	2 each	100642-3013R r603-35x45	PS	RES,SMT 0603,30.1K OHM,1%,1/16 WATT MATL Panasonic	R118, R509 ERJ-3EKF3012V
289	1 each	100642-3324R r603-35x45	PS	RES,SMT 0603,332K OHM,1%,1/16 WATT MATL Panasonic	R256 ERJ-3EKF3323V
290	1 each	100642-3924R r603-35x45	PS	RES,SMT 0603,392K OHM,1%,1/16 WATT MATL Yageo	R37 RC0603FR-07392KL
296	1 each	100642-4754R r603-35x45	PS	RES,SMT 0603,475K OHM,1%,1/16 WATT MATL Yageo	R229 RC0603FR-07475KL
297	4 each	100642-4990R r603-35x45	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL Panasonic	R2, R3, R4, R5 ERJ-3EKF49R9V
300	1 each	100642-4993R r603-35x45	PS	RES,SMT 0603,49.9K OHM,1%,1/16 WATT MATL Panasonic	R427 ERJ-3EKF4992V
301	1 each	100642-5624R r603-35x45	PS	RES,SMT 0603,562K OHM,1%,1/16 WATT MATL Panasonic	R139 ERJ-3EKF5623V
302	1 each	100642-6652R r603-35x45	PS	RES,SMT 0603,6.65K OHM,1%,1/16 WATT MATL Panasonic	R196 ERJ-3EKF6651V
303	1 each	100642-6812R r603-35x45	PS	RES,SMT 0603,6.81K OHM,1%,1/16 WATT MATL Panasonic	R90 ERJ-3EKF6811V
304	1 each	100642-6804R r603-35x45	PS	RES,SMT 0603,680K OHM,1%,1/16 WATT MATL Panasonic	R34 ERJ-3EKF6803V
305	12 each	100642-7500R r603-35x45	PS	RES,SMT 0603,75 OHM,1%,1/16 WATT MATL Panasonic	R100, R101, R105, R106, R133, R141, R146, R352, R56, R75, R88, R99 ERJ-3EKF75R0V
306	1 each	100642-8254R r603-35x45	PS	RES,SMT 0603,825K OHM,1%,1/16 WATT MATL Panasonic	R252 ERJ-3EKF8253V
307	1 each	100642-8203R r603-35x45	PS	RES,SMT 0603,82K OHM,1%,1/16 WATT MATL Yageo	R261 RC0603FR-0782KL

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309	1 each	100642-4023R r603-35x45	PS	RES,SMT 0603,40.2K OHM,1%,1/16 WATT MATL Panasonic	R231 ERJ-3EKF4022V
310	1 each	100642-7502R r603-35x45	PS	RES,SMT 0603,7.5K OHM,1%,1/16 WATT MATL Panasonic	R474 ERJ-3EKF7501V
311	4 each	100642-4992R r603-35x45	PS	RES,SMT 0603,4.99K OHM,1%,1/16 WATT MATL Panasonic	R121, R334, R476, R495 ERJ-3EKF4991V
312	1 each	100642-1002R r603-35x45	PS	RES,SMT 0603,1K OHM,1%,1/16 WATT MATL Panasonic	R475 ERJ-3EKF1001V
313	1 each	100642-2492R r603-35x45	PS	RES,SMT 0603,2.49K OHM,1%,1/16 WATT MATL Panasonic	R493 ERJ-3EKF2491V
315	3 each	100642-1004R r603-35x45	PS	RES,SMT 0603,100K OHM,1%,1/16 WATT MATL Yageo	R230, R48, R54 RC0603FR-07100KL
316	1 each	100642-4124R r603-35x45	PS	RES,SMT 0603,412K OHM,1%,1/16 WATT MATL Yageo	R49 RC0603FR-07412KL
320	18 each	102598-0002R r1206-40x70	PS	RES,SMT 1206,.02 OHM,2%,1/2 WATT MATL Susumu Co., Ltd.	R103, R104, R240, R241, R242, R31, R41, R42, R43, R44, R45, R46, R53, R57, R61, R92, R94, R95 RL1632T-R020-G
325	5 each	100155-0001R r1206-40x70	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL Yageo	PL1, PL2, PL3, PL4, PL5 RC1206JR-070RL
330	1 each	102786-0001R spkr-ast-02308mr	PS A	SPEAKER,23mm DIA.,200mW MATL Projects Unlimited	SPK1 AST-02308MR-R
339	1 each	101184-0002R sw2-30x50-tda	PS	SWITCH,DIP,SMT,HALF-PITCH,2 POS. MATL C&K/Unimax, Inc.	SW23 TDA02H0SB1R
340	2 each	101184-0006R SW6-30X50-TDA	PS	SWITCH,DIP,SMT,HALF-PITCH,6 POS. MATL C&K/Unimax, Inc.	SW4, SW5 TDA06H0SB1R

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341	19 each	101215-0001R	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	SW10, SW11, SW12, SW13, SW14, SW15, SW16, SW17, SW18, SW19, SW2, SW20, SW21, SW22, SW3, SW6, SW7, SW8, SW9
		SW-40X126-EVQP1		Panasonic	EVQ9P105M
342	1 each	102181-0002R	PS	SWITCH,SMT,SLIDE,2 POSITION,GULL WING MATL	SW1
		sw6-40x67_gw		Copal Electronics	CAS-D20TB
350	1 each	100558-0009R	PS	CONN,DB9,MALE,RIGHT ANGLE,,318 MATL	P1
		CONN9D-6547-RT-M		PI Manufacturing Corp.	2100-009P
351	1 each	101833-0096R	PS	CONN,DIN,C96,MALE,STRAIGHT,TYPE R MATL	J10
		conn96-6039-din-vmir		Hirose Electric, Inc.	PCN10-96P-2.54DSA(72)
352	1 each	102166-0001R	PS	CONN,JACK,RJ45,INTEGRATED MAGNETICS MATL	P2
		conn8-rt-rj45-sh-halo		HALO Electronics, Inc.	HFJ11-2450E-L21RL
353	1 each	100677-0004R	PS	CONN,MINI-DIN,FEMALE,4 POS. MATL	J15
		749181_1		Tyco Electronics	5749181-1
354	2 each	102540-0015R	PS	CONN,RCA,RIGHT ANGLE,BLUE MATL	J20, J9
		rcajack-CUI-RCJ-01		CUI, Inc.	RCJ-015
356	2 each	102540-0016R	PS	CONN,RCA,RIGHT ANGLE,GREEN MATL	J17, J8
		rcajack-CUI-RCJ-01		CUI, Inc.	RCJ-016
358	2 each	102540-0012R	PS	CONN,RCA,RIGHT ANGLE,RED MATL	J11, J21
		rcajack-CUI-RCJ-01		CUI, Inc.	RCJ-012
359	2 each	102540-0014R	PS	CONN,RCA,RIGHT ANGLE,YELLOW MATL	J13, J16
		rcajack-CUI-RCJ-01		CUI, Inc.	RCJ-014
360	1 each	101238-0001R	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL	J7
		PWR3-RASM712		Switchcraft	RASM712TRP15X
361	4 each	101012-0001R	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL	P3, P4, P5, P6
		st_3500		Kycon, Inc.	STX-3500-4NTR
362	1 each	102787-0020R	PS	CONN,SMT,RECEPTACLE,20 POS.,.5mm MATL	J24
		molex20-52745		Molex	52745-2097

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363	1 each	101956-0001R samtac-MUSB	PS	CONN,SMT,RECEPTACLE,5 POS,RIGHT MATL	J1 MUSB-05-S-AB-SM-A-K-T R
364	1 each	102293-0001R scdb1a	PS	CONN,SMT,RECEPTACLE,SD/MMC/MS MATL	J12 SCDB1C0105
365	1 each	102773-0001R conn_fps009-2305-0	PS	CONN,SMT,RECEPTACLE,SECURE MATL	J25 FPS009-2305-0
366	3 each	100562-0015R CONN2X15-29X110-SFM	PS	CONN,SMT,VERTICAL,RECEPTACLE,15X2 MATL	J18, J19, J23 SFM-115-02-S-D-LC
367	1 each	100562-0030R CONN2X30-29X110-SFM	PS	CONN,SMT,VERTICAL,RECEPTACLE,30X2 MATL	J14 SFM-130-02-S-D-LC
368	1 each	100116-0005R JUMP2X5-6040	PL	HEADER,5 X 2,VERTICAL,PIN SUBA	J22 2011-2X05G00SB/SN
381	21 each	100115-0002R JUMP1X2-6040	PL	HEADER,2 X 1,VERTICAL,PIN SUBA	J6, T1, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP22, TP23, TP29, TP42, TP43, TP44, TP45, TP9, J28, JP2
382	2 each	100115-0003R JUMP1X3-6040	PL	HEADER,3 X 1,VERTICAL,PIN SUBA	J26, J27
390	1 each	100116-0003R JUMP2X3-6040	PL	HEADER,3 X 2,VERTICAL,PIN SUBA	J4
391	2 each	100116-0007R JUMP2X7-6040	PL	HEADER,7 X 2,VERTICAL,PIN SUBA	J2, J3 2011-2X07G00SB/SN
392	1 each	100116-0009R JUMP2X9-6040	PL	HEADER,9 X 2,VERTICAL,PIN SUBA	JP1
395	1 each	100116-0010R JUMP2X10-6040	PL	HEADER,10 X 2,VERTICAL,PIN SUBA	J5

**Parts List**

ASSY,DM365 EVM  
SUBA

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Rev F

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint		Mfr Name	Mfr P/N
400	1 each	100062-0001R batthold-key106	PS	BATTERY HOLDER,.796 IN,1 CELL MATL	BHT1  Keystone Electronics Corp. 106
402	1 each	101606-0048R skt-tsop48sm	PS	SOCKET,TSOP48,ZIF,DUAL HINGE MATL	XU28  Meritec 980020-48-P2-K
403	8 each	102239-0001R	PS	BUMPER,ROUND,NON-SLIP, .375 X .235 MATL	  3M Electronic Products Division SJ61A2
405	3 each	C0402-NOPOP c402-25	PS	NP	C325, C326, C336
406	6 each	C0603-NOPOP c603-35x45	PS	NP	C135, C174, C176, C179, C380, C413
410	60 each	R0402-NOPOP r402-25	PS	NP	R85, R98, R122, R123, R124, R153, R154, R155, R156, R15, R182, R183, R192, R195, R20, R201, R202, R203, R204, R205, R206, R207, R208, R21, R216, R258, R259, R263, R264, R271, R285, R288, R297, R306, R308, R310, R320, R324, R329, R335, R342, R354, R355, R366, R393, R394, R395, R434, R482, R485, R498, R501, R511, R6, R408, R409, R499, R341, R260, R486
412	5 each	R0603-NOPOP r603-35X45	PS	NP	R10, R411, R9, R55, R500
415	1 each	R2512-NOPOP R2512	PS	NP	R199

**Parts List**

ASSY,DM365 EVM  
SUBA

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Rev F

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint			
				Mfr Name	Mfr P/N
<b>420</b>	<b>55</b> each	<b>NO-POP</b>	PS	NP	D7, L87, L89, Q3, Q11, TP1, TP10, TP2, TP20, TP21, TP24, TP26, TP27, TP30, TP31, TP32, TP33, TP34, TP35, TP36, TP37, TP38, TP39, TP40, TP41, TP46, TP47, TP48, TP49, TP5, TP50, TP51, TP52, TP53, TP54, TP55, TP56, TP57, TP58, TP59, TP6, TP60, TP61, TP62, TP63, TP64, TP65, TP66, TP67, TP68, TP69, TP7, TP70, TP71, TP8