

Parts List

510840-0031GR

ASSY,DM36X EVM, with DM368 processor,400 MegaHertz

Type	PL	PCB Package	
Revision	G	ION Footprint	
Status	U	Package Qty	1
Date	4/1/2010	Bin Loc.	*
By		Product Class	SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint	PCB Package		Mfr P/N	Mfr Name
1	1 each	510841-0001ER	DWG E	PWB,DM36X EVM - ENGR CSTM		
2	1 each	510842-0001	DOC D	LOGIC,DM365 EVM SCH		
6	1 each	103385-0002R	PS	IC,BGA338,.65mm,DIGITAL MEDIA MATL BGA19X19ZCE TMS320DM368ZCE	U18 Texas Instruments	
7	1 each	102445-0005R	PS	IC,BGA256,FPGA,2210 GATES,MAX II,1.8V MATL bga256-18rd BGA16X16-1MM EPM2210GF256C5N	U33 Altera Corporation	
8	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL Replaced 101025-0001R. Backwards compatible. so8-25x75-295 SO8WN CAT24C256WI-GT3	U29 Catalyst Semiconductor, Inc.	
9	1 each	102655-0001R	PS	IC,SO8,SPI SERIAL EEPROM,64K,2.7V MATL so8-25x75 SO8 AT25640AN-10SU-2.7 SL383	U16 Atmel Corporation	
10	1 each	102727-0001R	PS	IC,BGA63,ONE NAND FLASH MEMORY,1G MATL bga_6x8_8mm_flash BGA63-.8MM KFG1G16U2B-DIB6000	U27 Samsung	
11	1 each	102085-0025R	PS	IC,BGA84/BGA92,DDR2 SDRAM,1G,2.5nS MATL BGA92-13P8-MICRON BGA21X9_92 MT47H64M16HR-25E:H	U19 Micron Technology, Inc.	
12	1 each	102512-0001R	PS	IC,PQFP100,TRIPLE 8/10-BIT,VIDEO AND MATL pzp100-12x70-slug PQFP100PZP TVP7002PZP	U20 Texas Instruments	
15	1 each	101916-0001R	PS	IC,PQFP80,VIDEO DECODER,4 X 10 BIT MATL pfp80-11x70 PQFP80-PFP TVP5146PFP	U24 Texas Instruments	
16	1 each	102774-0001R	PS	IC,QFN48,DC-DC CONVERTER MATL rsl48-8x33 QFN48-RSL TPS65530ARSLT	U14 Texas Instruments	

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17	1 each	102322-0001R	PS	IC,QFP48,PHYSICAL LAYER TRANSCEIVER MATL	U5	
		lqfp48-12x60		TI_TQFP48	KSZ8001L	Micrel Incorporated
20	1 each	102659-0016R	PS	IC,TSOP48,NAND FLASH,16G,3.3V MATL	U28	
				TSOP48	MT29F16G08FAAWC:A	Micron Technology, Inc.
21	2 each	102513-0001R	PS	IC,TSSOP56,74CBT16214,12-BIT MATL	U17, U21	
		dgg56-12x80		TSSOP56	SN74CBT16214CDGGR	Texas Instruments
22	2 each	102693-0001R	PS	IC,TSSOP56,74CBTLV16212,LOW VOLTAGE, MATL	U10, U37	
		dgg56-12x80		TSSOP56	SN74CBTLV16212GR	Texas Instruments
25	1 each	103454-0001R	PS	IC,TSSOP20,8-BIT BIDIRECTIONAL MATL	U13	
		pw20-14x70		PSOP20PW	TXB0108PWR	Texas Instruments
26	1 each	102570-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U23	
		pw20-14x70		PSOP20PW	THS7303PWR	Texas Instruments
27	1 each	102541-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U15	
		pw20-14x70		PSOP20PW	THS7353PW	Texas Instruments
28	1 each	101691-0001R	PS	IC,TSSOP16,RS-232 DRIVER/RECEIVER MATL	U3	
		pw16-14x70		TSSOP16	MAX3221CPWR	Texas Instruments
29	1 each	102781-0001R	PS	IC,TSSOP14,MIXED SIGNAL MATL	U2	
		pw14-12x70		SSOP14	MSP430F2013IPWR	Texas Instruments
30	2 each	101249-0001R	PS	IC,SSOP28,DUAL LOW-DROPOUT VOLTAGE MATL	U30, U42	
		PWP28-14X70		PSOP28T	TPS767D301PWPR	Texas Instruments
35	1 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL	U4	
		so8-25x75		SO8	TPS2065DR	Texas Instruments
36	1 each	101057-0007R	PS	IC,SO5,SINGLE BUFFER/DRIVER MATL	U39	
		dck-5		DCK5	SN74LVC1G07DCKR	Texas Instruments
37	2 each	102752-0001R	PS	IC,SMT,LINEAR REGULATOR,500mA MATL	U22, U31	
		drc10-11x33		QFN10	TPS74701DRCR	Texas Instruments

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		ION Footprint		PCB Package	Mfr P/N	Mfr Name
38	1 each	102784-0001R	PS	IC,SMT,BOOST CONVERTER MATL	U34	
		drc10-11x33		QFN10	TPS61080DRCT	Texas Instruments
39	6 each	101670-0001R	PS	IC,QSOP16,LOW VOLTAGE,QUAD 2:1 MATL	U11, U12, U25, U26, U38, U40	
		tssop16-14x70		TSSOP16	SN74CBTLV3257PWR	Texas Instruments
40	1 each	102780-0001R	PS	IC,QFN32,LOW POWER STEREO AUDIO CODEC MATL	U7	
		QFN32_202SQ		QFN32	TLV320AIC3101IRHBT	Texas Instruments
41	1 each	102783-0001R	PS	IC,QFN16,BATTERY BACKUP IC MATL	U9	
		rgt16-12x34		RGT16	TPS65510RGT	Texas Instruments
42	1 each	101722-0001R	PS	IC,DBV6,LINEAR REGULATOR,ADJUSTABLE MATL	U36	
		dbv6-27x39-6		DBV6	TPS79301DBVR	Texas Instruments
43	1 each	102020-0009R	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U50	
		DBV6-27X39-6		DBV6	TPS3808G09DBVR	Texas Instruments
44	1 each	101647-0001R	PS	IC,SO5,REGULATOR,SHUNT,LOW-VOLTAGE,ADJ MATL	U114	
		dbv-20x60-5		DBV5	TLV431ACDBVR	Texas Instruments
45	1 each	102171-0001R	PS	INFRARED RECEIVER,THRU-HOLE,40kHz MATL	U1	
		tsop34840-6545		TSOP34840	TSOP34840	Vishay Intertechnology
55	1 each	103509-7425R	PS	OSC,SMT,74.25 MHZ MATL	U35	
		OSC4-71X79		CB3LV	CB3LV-3I-74M2500	CTS Electronics Corporation
56	1 each	100983-0025R	PS	OSC,SMT,25 MHZ MATL	U6	
		OSC4-71X79		CB3LV	CB3LV-3C-25M0000	CTS Electronics Corporation
57	1 each	100983-0027R	PS	OSC,SMT,27 MHZ MATL	U8	
		OSC4-71X79		CB3LV	CB3LV-3C-27M0000	CTS Electronics Corporation
58	2 each	102883-0032R	PS	CRYSTAL,SMT,32.768kHz MATL	Y2, Y4	
		xtal4-23x47-ssp-t7		SSP-T7-F	SSPT7F-12.5PF20PPM	Seiko Instruments USA, Inc.

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		ION Footprint	PCB Package		Mfr P/N	Mfr Name
59	1 each	101590-0143R xtal2-75x94	PS	CRYSTAL,SMT,6mm,14.31818 MHZ MATL ABM7	Y3 CS10-14.31818MABJ-UT Citizen America Corporation	
60	1 each	101590-0240R xtal2-75x94	PS	CRYSTAL,SMT,6mm,24 MHZ MATL ABM7	Y1 CS10-24.000MABJ-UT Citizen America Corporation	
65	1 each	101787-0001R DBV6-27X39-6	PS	TRANSISTOR,SMT,DUAL LOAD SWITCH MATL DBV6	U32 FDC6331L Fairchild Semiconductor	
66	1 each	102789-0001R vec8-12x45	PS	TRANSISTOR,SOIC,DUAL MOSFET,N AND P MATL VEC8	Q1 VEC2611 Sanyo Electronic Components Co. Ltd.	
67	4 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. SOT23-FET	Q2, Q7, Q8, Q9 BSS138TA Zetex, Inc.	
68	3 each	102788-0001R sc70-3m	PS	TRANSISTOR,SC-70,NPN,100mA MATL SC-70-UMT3	Q4, Q5, Q6 DTC114EUAT106 Rohm Corporation	
70	1 each	101808-0006R SMC-80X128	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V MATL SMC	D1 SMCJ6.0A-13-F Diodes, Inc.	
71	6 each	102220-0001R sod123-36x48	PS	DIODE,SOD-123,SCHOTTKY POWER,,5A MATL SOD-123	D10, D2, D3, D4, D5, D8 MBR0530T1G Motorola, Inc.	
72	1 each	100695-0002R SOT23-28X44	PS	DIODE,SOT23,REFERENCE,4.1V MATL LM4040-SOT23	D6 LM4040CIM3X-4.1/NOPB National Semiconductor	
75	9 each	100823-0001R led1206-59x59	PS	LED,SMT 1206,GREEN MATL EIA1206D	DS1, DS2, DS3, DS4, DS5, DS6, DS7, DS8, DS9 LTST-C150GKT LITEON	
80	6 each	101919-0270R L603-35x45	PS	INDUCTOR,SMT 0603,2.7uH,+/-10% MATL EIA0603	L69, L70, L72, L75, L76, L77 MLF1608A2R7K TDK Corporation	
81	2 each	101584-0100R L805-35x60	PS	INDUCTOR,SMT 0805,1uH MATL EIA0805	L2, L3 CI0805-1R0K-R Associated Components Technology, Inc.	

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82	3 each	102867-0151R ind_sds680	PS	INDUCTOR,SMT,15uH,SHIELDED MATL	L10, L12, L17 SDS680R-153M API Delevan	
84	1 each	102867-0330R ind_sds680	PS	INDUCTOR,SMT,3.3uH,SHIELDED MATL	L18 SDS680R-332M API Delevan	
85	1 each	102869-0470R ind2-35x51	PS	INDUCTOR,SMT,4.7uH MATL	L13 IND-DE28 VLF3012AT-4R7MR74 TDK Corporation	
86	5 each	102867-0470R ind_sds680	PS	INDUCTOR,SMT,4.7uH,SHIELDED MATL	L11, L15, L19, L35, L8 SDS680R-472M API Delevan	
90	1 each	103129-0001R mic_th	PS	MICROPHONE,CYLINDRICAL,.38 DIA. MATL	M1 AOM-4544P-2-R Projects Unlimited	
95	7 each	101858-1201R l603-35x45	PS	FERRITE BEAD,SMT 0603,120 OHM MATL	L22, L27, L31, L43, L58, L59, L73 EIA0603 BLM18AG121SN1D Murata Electronics	
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 EIA0805 BLM21PG221SN1D Murata Electronics	
97	38 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, L64, L65, L66, L67, L68, L7, L71, L74, L78, L79, L81, L83, L84, L85, L86, L91, L92 SMTIND BLM41PG750SN1L Murata Electronics	
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 NFM21 NFM21PC474R1C3D Murata Electronics	
100	1 each	100872-0004R FUSEFOLDER-OMNI-BLOK	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1 F-SMF-OMNI-BLOK 0154004.DRT Littlefuse	
110	1 each	100995-0471R c7343-84x118	PS	CAP,TANT,SMT 2816,47uF,10V MATL	C15 EIA2816P T491D476K010AT Kemet Electronics Corporation	

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111	1 each	101608-0102R	PS	CAP,TANT,SMT 2816,100uF,10V MATL	C2	
		c7343-84x118		EIA2816P	593D107X9010D2TE3	Vishay Intertechnology
112	3 each	101893-0332R	PS	CAP,TANT,SMT 2816,330uF,6.3V,20% MATL	C108, C112, C115	
		c7343-84x118		EIA2816P	TPSE337M006R0100	AVX Corporation
115	4 each	100044-0330R	PS	CAP,TANT,SMT 1311,3.3uF,16V MATL	C178, C75, C85, C90	
		c3528-64x112		EIA1311P	F971C335MBA	Nichicon Corporation
116	1 each	101824-0102R	PS	CAP,TANT,SMT 1311,100uF,6V MATL	C107	
		c3528-64x112		EIA1311P	T491B107M006AT	Kemet Electronics Corporation
119	1 each	102359-0680R	PS	CAP,TANT,SMT 1206,6.8uF,10V,+/-20% MATL	C5	
		c1206-40x70p		EIA1206P	TCA1A685M8R	Rohm Corporation
120	7 each	101953-0331R	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL	C158, C163, C29, C49, C59, C88, C89	
		c1206-40x70p		EIA1206P	TPSA336K006R0600	AVX Corporation
121	22 each	101003-0101R	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL	C1, C104, C110, C114, C121, C13, C136, C14, C142, C152, C259, C27, C278, C308, C311, C6, C62, C68, C78, C79, C80, C81	
		c1206-40x70-POL		EIA1206P	T491A106M006AT	Kemet Electronics Corporation
125	1 each	101583-1102R	PS	CAP,CER,SMT 1812,1000pF,X7R,2KV MATL	C3	
		EIA1812		EIA1812	1812GC102KAT1A	AVX Corporation
126	2 each	101497-0471R	PS	CAP,CER,SMT 1206,47uF,6.3V MATL	C45, C58	
		C1206-40X70		EIA1206	JMK316BJ476ML-T	Taiyo Yuden
127	11 each	101694-0470R	PS	CAP,CER,SMT 1206,4.7uF,16V,X5R MATL	C10, C11, C12, C18, C20, C230, C28, C31, C86, C87, C96	
		C1206-40X70		EIA1206	C1206C475K4PAC	Kemet Electronics Corporation
128	12 each	101064-0221R	PS	CAP,CER,SMT 1206,22uF,10V MATL	C162, C217, C22, C23, C30, C35, C39, C41, C43, C50, C57, C98	
		C1206-40X70		EIA1206	LMK316F226ZL-T	Taiyo Yuden

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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		EIA1206	JMK316B7106ML-T	Taiyo Yuden
135	3 each	100993-6803R	PS	CAP,CER,SMT 0603,680pF,50V,+/-10%,X7R MATL	C312, C341, C363	
		c603-35x45		EIA0603	06035C681KAT2A	AVX Corporation
136	1 each	100993-1472R	PS	CAP,CER,SMT 0603,4700pF,50V,+/-10%,X7R MATL	C72	
		c603-35x45		EIA0603	06035C472KAT2A	AVX Corporation
137	3 each	101637-1334R	PS	CAP,CER,SMT 0603,33pF,100V,+/-5%,NPO MATL	C111, C367, C368	
		c603-35x45		EIA0603	ECJ-1VC2A330J	Panasonic
140	6 each	100993-3303R	PS	CAP,CER,SMT 0603,330pF,50V,+/-10%,X7R MATL	C316, C317, C337, C351, C354, C370	
		c603-35x45		EIA0603	06035C331KAT2A	AVX Corporation
141	5 each	101103-1274R	PS	CAP,CER,SMT 0603,27pF,50V,+/-5%,NPO MATL	C32, C352, C353, C52, C53	
		c603-35x45		EIA0603	ECJ-1VC1H270J	Panasonic
142	2 each	100993-1273R	PS	CAP,CER,SMT 0603,270pF,50V,+/-10%,X7R MATL	C101, C102	
		c603-35x45		EIA0603	06035C271KAT2A	AVX Corporation
145	1 each	101002-1224R	PS	CAP,CER,SMT 0603,22pF,50V,+/-5%,NPO MATL	C175	
		c603-35x45		EIA0603	ECJ-1VC1H220J	Panasonic
146	3 each	100993-1223R	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL	C122, C128, C137	
		c603-35x45		EIA0603	06035C221KAT2A	AVX Corporation
147	22 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, C61	
		c603-35x45		EIA0603	ECJ-1VB0J225K	Panasonic

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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		EIA0603	ECJ-1VB0J105K	Panasonic
149	1 each	100993-1203R	PS	CAP,CER,SMT 0603,120pF,50V,+/-10%,X7R MATL	C42	
		c603-35x45		EIA0603	06035C121KAT2A	AVX Corporation
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		EIA0603	ECJ-1VC1H100D	Panasonic
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		EIA0603	06035C101KAT2A	AVX Corporation
154	1 each	101005-1220R	PS	CAP,CER,SMT 0603,.22uF,10V,+/-10%,X5R MATL	C219	
		c603-35x45		EIA0603	ECJ-1VB1A224K	Panasonic
155	1 each	100994-1100R	PS	CAP,CER,SMT 0603,.1uF,16V,+/-10%,X7R MATL	C177	
		c603-35x45		EIA0603	C0603C104K4RAC	Kemet Electronics Corporation
156	1 each	100994-1471R	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R MATL	C408	
		c603-35x45		EIA0603	ECJ-1VB1C473K	Panasonic
160	2 each	101587-5601R	PS	CAP,CER,SMT 0402,560pF,25V,+/-10%,X7R MATL	C250, C299	
		c402-25		EIA0402	C0402C561K5RAC	Kemet Electronics Corporation
161	2 each	101782-1565R	PS	CAP,CER,SMT 0402,5.6pF,50V,+/- .25pF,NPO MATL	C376, C82	
		c402-25		EIA0402	GJM1555C1H5R6CB01D	Murata Electronics
162	2 each	101782-1224R	PS	CAP,CER,SMT 0402,22pF,50V,+/-5%,NPO MATL	C222, C223	
		c402-25		EIA0402	C0402C220J5GACTU	Kemet Electronics Corporation

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163	157 each	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R 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, 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, 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, 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	EIA0402	C0402C104K8PACTU	Kemet Electronics Corporation

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ASSY,DM36X EVM, with DM368 processor,400 MegaHertz
SUBA

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint		PCB Package	Mfr P/N	Mfr Name
165	70 each	101587-1101R	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R 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		EIA0402	C0402C103K4RAC	Kemet Electronics Corporation
168	6 each	102058-1102R	PS	CAP,CER,SMT 0402,.001uF,50V,+/-10%,X7R MATL	C117, C204, C210, C375, C44, C84	
		c402-25		EIA0402	C0402C102K5RAC	Kemet Electronics Corporation
169	2 each	102962-0100R	PS	CAP,CER,SMT 0402,1uF,6.3V,+/-10%,X5R MATL	C298, C416	
		c402-25		EIA0402	GRM155R60J105KE19D	Murata Electronics
180	4 each	101069-2200R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22 MATL	RN29, RN32, RN7, RN8	
		rpak16-10x25-2hv		EXB-2HVS	EXB-2HV220JV	Panasonic
181	6 each	101069-3300R	PS	RES,NETWORK,SMT,16 PIN,8 RES,33 MATL	RN17, RN23, RN25, RN33, RN34, RN4	
		rpak16-10x25-2hv		EXB-2HVS	EXB-2HV330JV	Panasonic
182	1 each	101327-1003R	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K MATL	RN24	
		rpak8-10x25-28v		EXB-28VS	EXB-28V103JX	Panasonic
183	22 each	101327-3300R	PS	RES,NETWORK,SMT,8 PIN,4 RES,33 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		EXB-28VS	EXB-28V330JX	Panasonic

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184	1 each	101327-2200R	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 MATL	RN9	
		rpak8-10x25-28v		EXB-28VS	EXB-28V220JX	Panasonic
190	73 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R110, R144, R164, R177, R198, R219, R235, R268, R272, R273, R274, R291, R296, R30, R303, R314, R317, R318, R321, R322, R331, R337, R345, R376, R378, R379, R389, R391, R412, R419, R420, R421, R422, R423, R424, R425, R426, R430, R433, R435, R437, R449, R453, R455, R462, R466, R468, R470, R477, R478, R479, R480, R483, R507, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R529, R530, R531, R69, R8, R97	
		r402-25		EIA0402	RC0402JR-070RL	Yageo
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		EIA0402	RC0402JR-071K5L	Yageo
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		EIA0402	RC0402JR-0710RL	Yageo
193	4 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R151, R432, R64, R65	
		r402-25		EIA0402	RC0402JR-07100RL	Yageo
194	11 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R109, R128, R162, R316, R444, R446, R447, R454, R525, R526, R58	
		r402-25		EIA0402	RC0402JR-07100KL	Yageo

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		ION Footprint		PCB Package	Mfr P/N	Mfr Name
195	80 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R1, R114, R115, R116, R117, R130, R131, R14, R143, R149, R157, R16, R161, R17, R175, R176, R178, R186, R188, R197, R211, R213, R215, R217, R220, R222, R223, R224, R243, R244, R245, R246, R247, R248, R249, R25, R251, R253, R255, R257, R26, R266, R267, R295, R298, R301, R326, R364, R367, R368, R369, R370, R371, R372, R373, R375, R377, R380, R390, R392, R402, R413, R414, R415, R445, R460, R472, R473, R481, R484, R487, R488, R490, R492, R504, R505, R510, R59, R60, R7	r402-25 EIA0402 RC0402JR-0710KL Yageo
196	10 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R171, R396, R397, R398, R399, R400, R401, R489, R491, R502	r402-25 EIA0402 RC0402JR-071KL Yageo
197	1 each	101370-1005R	PS	RES,SMT 0402,1M,5%,1/16 WATT MATL	R459	r402-25 EIA0402 RC0402JR-071ML Yageo
198	16 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R102, R111, R150, R158, R159, R181, R184, R269, R270, R346, R347, R348, R349, R350, R351, R469	r402-25 EIA0402 RC0402JR-072K2L Yageo
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 EIA0402 ERJ-2GEJ203X Panasonic
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, R527, R528, R82, R84	r402-25 EIA0402 RC0402JR-0722RL Yageo

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		ION Footprint		PCB Package	Mfr P/N	Mfr Name
203	6 each	101370-2201R	PS	RES,SMT 0402,220 OHM,5%,1/16 WATT MATL	R189, R456, R457, R458, R463, R464	
		r402-25		EIA0402	RC0402JR-07220RL	Yageo
204	4 each	101370-2002R	PS	RES,SMT 0402,2K,5%,1/16 WATT MATL	R233, R265, R365, R96	
		r402-25		EIA0402	RC0402JR-072KL	Yageo
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		EIA0402	RC0402JR-0733RL	Yageo
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		EIA0402	RC0402JR-07330RL	Yageo
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		EIA0402	RC0402JR-07360RL	Yageo
209	2 each	101370-4702R	PS	RES,SMT 0402,4.7K OHM,5%,1/16 WATT MATL	R343, R374	
		r402-25		EIA0402	RC0402JR-074K7L	Yageo
210	2 each	101370-4703R	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT MATL	R163, R173	
		r402-25		EIA0402	RC0402JR-0747KL	Yageo
220	2 each	102145-1000R	PS	RES,SMT 0402,10 OHM,1%,1/16 WATT MATL	R214, R237	
		r402-25		EIA0402	RC0402FR-0710RL	Yageo
221	1 each	102145-1304R	PS	RES,SMT 0402,130K OHM,1%,1/16 WATT MATL	R29	
		r402-25		EIA0402	ERJ-2RKF1303X	Panasonic
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		EIA0402	RC0402FR-071KL	Yageo
225	1 each	102145-3013R	PS	RES,SMT 0402,30.1K OHM,1%,1/16 WATT MATL	R187	
		r402-25		EIA0402	ERJ-2RKF3012X	Panasonic

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230	1 each	102145-3924R	PS	RES,SMT 0402,392K,1%,1/16 WATT MATL	R33	
		r402-25		EIA0402	ERJ-2RKF3923X	Panasonic
232	1 each	102145-4991R	PS	RES,SMT 0402,499 OHM,1%,1/16 WATT MATL	R24	
		r402-25		EIA0402	ERJ-2RKF4990X	Panasonic
233	1 each	102145-5103R	PS	RES,SMT 0402,51K OHM,1%,1/16 WATT MATL	R185	
		r402-25		EIA0402	ERJ-2RKF5102X	Panasonic
234	1 each	100642-5604R	PS	RES,SMT 0603,560K OHM,1%,1/16 WATT MATL	R232	
		r603-35x45		EIA0603	ERJ-3EKF5603V	Panasonic
235	1 each	102145-7503R	PS	RES,SMT 0402,75K OHM,1%,1/16 WATT MATL	R28	
		r402-25		EIA0402	ERJ-2RKF7502X	Panasonic
236	1 each	100642-8253R	PS	RES,SMT 0603,82.5K OHM,1%,1/16 WATT MATL	R51	
		r603-35x45		EIA0603	ERJ-3EKF8252V	Panasonic
250	7 each	100687-0001R	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL	R120, R338, R339, R340, R38, R39, R40	
		r603-35X45		EIA0603	ERJ-3GEY0R00V	Panasonic
251	2 each	100687-1001R	PS	RES,SMT 0603,100 OHM,5%,1/16 WATT MATL	R107, R108	
		r603-35X45		EIA0603	ERJ-3GEYJ101V	Panasonic
252	4 each	100687-1503R	PS	RES,SMT 0603,15K OHM,5%,1/16 WATT MATL	R404, R406, R410, R440	
		r603-35X45		EIA0603	RC0603JR-0715KL	Yageo
253	1 each	100687-2200R	PS	RES,SMT 0603,22 OHM,5%,1/16 WATT MATL	R226	
		r603-35X45		EIA0603	ERJ-3GEYJ220V	Panasonic
254	1 each	100687-2005R	PS	RES,SMT 0603,2M OHM,5%,1/16 WATT MATL	R147	
		r603-35X45		EIA0603	ERJ-3GEYJ205V	Panasonic
255	1 each	101693-4990R	PS	RES,SMT 0603,49.9 OHM,.5%,1/16 WATT MATL	R50	
		r603-35X45		EIA0603	RR0816Q-49R9-D-68R	Susumu Co., Ltd.
256	4 each	100687-5602R	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT MATL	R179, R180, R190, R191	
		r603-35x45		EIA0603	ERJ-3GEYJ562V	Panasonic

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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
		r603-35x45	EIA0603	ERJ-3GEYJ513V	Panasonic
270	3 each	100642-1502R	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL	R212, R63, R86
		r603-35x45	EIA0603	ERJ-3EKF1501V	Panasonic
271	1 each	100642-1003R	PS	RES,SMT 0603,10K OHM,1%,1/16 WATT MATL	R35
		r603-35x45	EIA0603	ERJ-3EKF1002V	Panasonic
272	1 each	100642-2004R	PS	RES,SMT 0603,200K OHM,1%,1/16 WATT MATL	R36
		r603-35x45	EIA0603	ERJ-3EKF2003V	Panasonic
273	3 each	100642-1583R	PS	RES,SMT 0603,15.8K OHM,1%,1/16 WATT MATL	R119, R127, R508
		r603-35x45	EIA0603	ERJ-3EKF1582V	Panasonic
274	1 each	100642-1804R	PS	RES,SMT 0603,180K OHM,1%,1/16 WATT MATL	R254
		r603-35x45	EIA0603	RC0603FR-07180KL	Yageo
275	1 each	100642-2152R	PS	RES,SMT 0603,2.15K OHM,1%,1/16 WATT MATL	R125
		r603-35x45	EIA0603	ERJ-3EKF2151V	Panasonic
276	1 each	100642-2102R	PS	RES,SMT 0603,2.1K OHM,1%,1/16 WATT MATL	R126
		r603-35x45	EIA0603	ERJ-3EKF2101V	Panasonic
277	1 each	100642-1373R	PS	RES,SMT 0603,13.7K OHM,1%,1/16 WATT MATL	R52
		r603-35x45	EIA0603	ERJ-3EKF1372V	Panasonic
280	1 each	100642-2402R	PS	RES,SMT 0603,2.4K OHM,1%,1/16 WATT MATL	R290
		r603-35x45	EIA0603	RC0603FR-072K4L	Yageo
285	1 each	100642-2214R	PS	RES,SMT 0603,221K OHM,1%,1/16 WATT MATL	R234
		r603-35x45	EIA0603	ERJ-3EKF2213V	Panasonic
286	3 each	100642-2671R	PS	RES,SMT 0603,267 OHM,1%,1/16 WATT MATL	R353, R356, R357
		r603-35x45	EIA0603	ERJ-3EKF2670V	Panasonic
287	3 each	100642-3302R	PS	RES,SMT 0603,3.3K OHM,1%,1/16 WATT MATL	R450, R451, R452
		r603-35x45	EIA0603	RC0603FR-073K3L	Yageo

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288	2 each	100642-3013R r603-35x45	PS	RES,SMT 0603,30.1K OHM,1%,1/16 WATT MATL EIA0603	R118, R509 Panasonic	
289	1 each	100642-3744R r603-35x45	PS	RES,SMT 0603,374K OHM,1%,1/16 WATT MATL EIA0603	R256 Yageo	
290	1 each	100642-3924R r603-35x45	PS	RES,SMT 0603,392K OHM,1%,1/16 WATT MATL EIA0603	R37 Yageo	
296	1 each	100642-4754R r603-35x45	PS	RES,SMT 0603,475K OHM,1%,1/16 WATT MATL EIA0603	R229 Yageo	
297	4 each	100642-4990R r603-35x45	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL EIA0603	R2, R3, R4, R5 Panasonic	
300	1 each	100642-4993R r603-35x45	PS	RES,SMT 0603,49.9K OHM,1%,1/16 WATT MATL EIA0603	R427 Panasonic	
301	1 each	100642-5624R r603-35x45	PS	RES,SMT 0603,562K OHM,1%,1/16 WATT MATL EIA0603	R139 Panasonic	
302	1 each	100642-6652R r603-35x45	PS	RES,SMT 0603,6.65K OHM,1%,1/16 WATT MATL EIA0603	R196 Panasonic	
303	1 each	100642-6812R r603-35x45	PS	RES,SMT 0603,6.81K OHM,1%,1/16 WATT MATL EIA0603	R90 Panasonic	
304	1 each	100642-6804R r603-35x45	PS	RES,SMT 0603,680K OHM,1%,1/16 WATT MATL EIA0603	R34 Panasonic	
305	12 each	100642-7500R r603-35x45	PS	RES,SMT 0603,75 OHM,1%,1/16 WATT MATL EIA0603	R100, R101, R105, R106, R133, R141, R146, R352, R56, R75, R88, R99 Panasonic	
306	1 each	100642-8874R r603-35x45	PS	RES,SMT 0603,887K OHM,1%,1/16 WATT MATL EIA0603	R252 Panasonic	
307	1 each	100642-8203R r603-35x45	PS	RES,SMT 0603,82K OHM,1%,1/16 WATT MATL EIA0603	R261 Yageo	

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309	1 each	100642-4023R r603-35x45	PS	RES,SMT 0603,40.2K OHM,1%,1/16 WATT MATL EIA0603	R231	Panasonic
				ERJ-3EKF4022V		
310	1 each	100642-7502R r603-35x45	PS	RES,SMT 0603,7.5K OHM,1%,1/16 WATT MATL EIA0603	R474	Panasonic
				ERJ-3EKF7501V		
311	3 each	100642-4992R r603-35x45	PS	RES,SMT 0603,4.99K OHM,1%,1/16 WATT MATL EIA0603	R121, R334, R476	Panasonic
				ERJ-3EKF4991V		
312	1 each	100642-1002R r603-35x45	PS	RES,SMT 0603,1K OHM,1%,1/16 WATT MATL EIA0603	R475	Panasonic
				ERJ-3EKF1001V		
315	3 each	100642-1004R r603-35x45	PS	RES,SMT 0603,100K OHM,1%,1/16 WATT MATL EIA0603	R230, R48, R54	Yageo
				RC0603FR-07100KL		
316	1 each	100642-4124R r603-35x45	PS	RES,SMT 0603,412K OHM,1%,1/16 WATT MATL EIA0603	R49	Yageo
				RC0603FR-07412KL		
320	18 each	102598-0002R r1206-40x70	PS	RES,SMT 1206,.02 OHM,2%,1/2 WATT MATL EIA1206	R103, R104, R240, R241, R242, R31, R41, R42, R43, R44, R45, R46, R53, R57, R61, R92, R94, R95	Susumu Co., Ltd.
				RL1632T-R020-G		
325	5 each	100155-0001R r1206-40x70	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL EIA1206	PL1, PL2, PL3, PL4, PL5	Yageo
				RC1206JR-070RL		
330	1 each	102786-0001R spkr-ast-02308mr	PS A	SPEAKER,23mm DIA.,200mW MATL SPKR-23MM	SPK1	Projects Unlimited
				AST-02308MR-R		
339	1 each	101184-0002R sw2-30x50-tda	PS	SWITCH,DIP,SMT,HALF-PITCH,2 POS. MATL SMTDIPSW2A	SW23	C&K/Unimax, Inc.
				TDA02H0SB1R		
340	2 each	101184-0006R SW6-30X50-TDA	PS	SWITCH,DIP,SMT,HALF-PITCH,6 POS. MATL SMTDIPSW6A	SW4, SW5	C&K/Unimax, Inc.
				TDA06H0SB1R		
341	19 each	101215-0001R SW-40X126-EVQP1	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL 101215	SW10, SW11, SW12, SW13, SW14, SW15, SW16, SW17, SW18, SW19, SW2, SW20, SW21, SW22, SW3, SW6, SW7, SW8, SW9	Panasonic
				EVQ9P105M		

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342	1 each	102181-0002R	PS	SWITCH,SMT,SLIDE,2 POSITION,GULL WING MATL	SW1	
		sw6-40x67_gw		CASD20TB	CAS-D20TB	Copal Electronics
350	1 each	100558-0009R	PS	CONN,DB9,MALE,RIGHT ANGLE,,318 MATL	P1	
		CONN9D-6547-RT-M		DB9MR-1225X475	2100-009P	PI Manufacturing Corp.
351	1 each	101833-0096R	PS	CONN,DIN,C96,MALE,STRAIGHT,TYPE R MATL	J10	
		conn96-6039-din-vmir		DIN32X3M	PCN10-96P-2.54DSA(72)	Hirose Electric, Inc.
352	1 each	102166-0001R	PS	CONN,JACK,RJ45,INTEGRATED MAGNETICS MATL	P2	
		conn8-rt-rj45-sh-halo		HF11-2450E	HFJ11-2450E-L21RL	HALO Electronics, Inc.
353	1 each	100677-0004R	PS	CONN,MINI-DIN,FEMALE,4 POS. MATL	J15	
		749181_1		749181-1	5749181-1	Tyco Electronics
354	2 each	102540-0015R	PS	CONN,RCA,RIGHT ANGLE,BLUE MATL	J20, J9	
		rcajack-CUI-RCJ-01		RCJ-01	RCJ-015	CUI, Inc.
356	2 each	102540-0016R	PS	CONN,RCA,RIGHT ANGLE,GREEN MATL	J17, J8	
		rcajack-CUI-RCJ-01		RCJ-01	RCJ-016	CUI, Inc.
358	2 each	102540-0012R	PS	CONN,RCA,RIGHT ANGLE,RED MATL	J11, J21	
		rcajack-CUI-RCJ-01		RCJ-01	RCJ-012	CUI, Inc.
359	2 each	102540-0014R	PS	CONN,RCA,RIGHT ANGLE,YELLOW MATL	J13, J16	
		rcajack-CUI-RCJ-01		RCJ-01	RCJ-014	CUI, Inc.
360	1 each	101238-0001R	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL	J7	
		PWR3-RASM712		RASM712	RASM712TRP15X	Switchcraft
361	4 each	101012-0001R	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL	P3, P4, P5, P6	
		st_3500		ST-3500	STX-3500-4NTR	Kycon, Inc.
362	1 each	102787-0020R	PS	CONN,SMT,RECEPTACLE,20 POS.,.5mm MATL	J24	
		molex20-52745		J-52745-2096	52745-2097	Molex
363	1 each	101956-0001R	PS	CONN,SMT,RECEPTACLE,5 POS,RIGHT MATL	J1	
		samtec-MUSB		440247	MUSB-05-S-AB-SM-A-K-T R	Samtec, Inc.

Parts List

510840-0031GR

ASSY,DM36X EVM, with DM368 processor,400 MegaHertz
SUBA

Rev G

Printed 10/7/2010

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint		PCB Package	Mfr P/N	Mfr Name
364	1 each	102293-0001R	PS	CONN,SMT,RECEPTACLE,SD/MMC/MS MATL	J12	
		scdb1a		SCDB1A	SCDB1C0105	Alps Electric, Inc.
365	1 each	102773-0001R	PS	CONN,SMT,RECEPTACLE,SECURE MATL	J25	
		conn_fps009-2305-0		YAM-FPS009-2305	FPS009-2305-0	Yamaichi Electronics, Inc.
366	3 each	100562-0015R	PS	CONN,SMT,VERTICAL,RECEPTACLE,15X2 MATL	J18, J19, J23	
		CONN2X15-29X110-SFM		SMTCON15X2A	SFM-115-02-S-D-LC	Samtec, Inc.
367	1 each	100562-0030R	PS	CONN,SMT,VERTICAL,RECEPTACLE,30X2 MATL	J14	
		CONN2X30-29X110-SFM		SMTCON30X2A	SFM-130-02-S-D-LC	Samtec, Inc.
368	1 each	100116-0005R	PL	HEADER,5 X 2,VERTICAL,PIN SUBA	J22	
		JUMP2X5-6040		CON5X2	2011-2X05G00SB/SN	Oupiin
381	19 each	100115-0002R	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	
		JUMP1X2-6040		CON2		
382	2 each	100115-0003R	PL	HEADER,3 X 1,VERTICAL,PIN SUBA	J26, J27	
		JUMP1X3-6040		CON3		
390	1 each	100116-0003R	PL	HEADER,3 X 2,VERTICAL,PIN SUBA	J4	
		JUMP2X3-6040		CON3X2		
391	2 each	100116-0007R	PL	HEADER,7 X 2,VERTICAL,PIN SUBA	J2, J3	
		JUMP2X7-6040		CON7X2	2011-2X07G00SB/SN	Oupiin
392	1 each	100116-0009R	PL	HEADER,9 X 2,VERTICAL,PIN SUBA	JP1	
		JUMP2X9-6040		CON9X2		
395	1 each	100116-0010R	PL	HEADER,10 X 2,VERTICAL,PIN SUBA	J5	
		JUMP2X10-6040		CON10X2		
400	1 each	100062-0001R	PS	BATTERY HOLDER,.796 IN,1 CELL MATL	BHT1	
		batthold-key106		BATT2C1100	106	Keystone Electronics Corp.

Parts List

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ASSY,DM36X EVM, with DM368 processor,400 MegaHertz
SUBA

Rev G

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint		PCB Package	Mfr P/N	Mfr Name
402	1 each	101606-0048R	PS	SOCKET,TSOP48,ZIF,DUAL HINGE MATL	XU28	
		skt-tsop48sm		TSOP48SMTSOCKET	980020-48-P2-K	Meritec
403	1 each	102239-0001R	PS	BUMPER,ROUND,NON-SLIP,.,375 X .235 MATL		
				SJ61A2	3M Electronic Products Division	
405	3 each	C0402-NOPOP	PS	NP EIA0402	C325, C326, C336	
		c402-25				
406	6 each	C0603-NOPOP	PS	NP EIA0603	C135, C174, C176, C179, C380, C413	
		c603-35x45				
410	58 each	R0402-NOPOP	PS	NP EIA0402	R122, R123, R124, R15, R153, R154, R155, R156, R182, R183, R192, R195, R20, R201, R202, R203, R204, R205, R206, R207, R208, R21, R216, R258, R259, R260, R263, R264, R271, R285, R288, R297, R306, R308, R310, R320, R324, R329, R335, R341, R342, R354, R355, R366, R393, R394, R395, R408, R409, R434, R482, R485, R486, R497, R511, R6, R85, R98	
		r402-25				
412	4 each	R0603-NOPOP	PS	NP EIA0603	R10, R411, R55, R9	
		r603-35X45				
415	1 each	R2512-NOPOP	PS	NP EIA2512	R199	
		R2512				

Parts List

ASSY,DM36X EVM, with DM368 processor,400 MegaHertz
 SUBA

510840-0031GR

Rev G

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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint	PCB Package	Mfr P/N	Mfr Name

420	55 each	NO-POP	PS	NP	D7, L87, Q3, 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, TP67, TP68, TP69, TP7, TP70, TP71, TP8, JP2, JP28, JP29
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NO-POP