

Parts List

512020-0001R

ASSY,TMS320DM6467 HD 1080P EVM with Micron
SUBA

Type	PL	PCB Package	
Revision	C	ION Footprint	
Status	U	Package Qty	1
Date	2/4/2009	Bin Loc.	
By		Product Class	SUBA

Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference
		ION Footprint		Mfr P/N	Mfr Name
1	1 each	512021-0001R	DWG C	PWB,TMS320DM6467 HD 1080P EVM CSTM	
2	1 each	512022-0001	DOC C	LOGIC,TMS320DM6467 HD 1080P EVM SCH	
3	1 each	102657-0006R	PS	IC,BGA529,.8mm,TMS320DM6467T - 1GHz MATL	U29 TMS320DM6467TZUT1 -- Texas Instruments (\$N30)
4	1 each	102259-0005R	PS	IC,TQFP100,FPGA,240 GATES,MAX II,1.8V MATL	U15 qfp100sq-12x70 EPM240GT100C5N Altera Corporation
5	1 each	102547-0001R	PS	IC,BGA63,NAND,1G,2.7V-3.6V MATL	U38 bga63-13p8-CTR NAND01GW3B2BZA6E Numonyx
6	1 each	102570-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U13 pw20-14x70 THS7303PWR Texas Instruments
7	1 each	102512-0001R	PS	IC,PQFP100,TRIPLE 8/10-BIT,VIDEO AND MATL	U7 pzp100-12x70-slug TVP7002PZP Texas Instruments
8	1 each	102582-0001R	PS	IC,PQFP80,TRIPLE 10 BIT VIDEO DAC MATL	U14 pfp80-12x70-pad THS8200PFP Texas Instruments
9	2 each	102506-0001R	PS	IC,PQFP80,VIDEO DECODER,2 X 10 BIT MATL	U26, U34 pfp80-12x70-pad TVP5147M1PFP Texas Instruments
10	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL	U36 so8-25x75-295 Replaced 101025-0001R. Backwards compatible. CAT24C256WI-GT3 Catalyst Semiconductor, Inc.
12	1 each	102508-0001R	PS	IC,MLCC84,GIGABIT ETHERNET TRANSCEIVER MATL	U20 mlcc84 This is obsolete. This is a lifetime supply. L-ET1011C2-C-D LSI Corporation

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13	2 each	103046-0001R	PS	IC,QSOP16,4-BIT 1-OF-2 FET MATL	U69, U70
		tssop16-14x70		SN74CB3Q3257PWR	Texas Instruments
14	1 each	101933-0001R	PS	IC,SSOP24,10-BIT FET BUS SWITCH,LOW MATL	U71
		dgv24-9x65		SN74CB3Q3384ADGVR	Texas Instruments
15	6 each	102513-0001R	PS	IC,TSSOP56,74CBT16214,12-BIT MATL	U50, U51, U54, U55, U61, U62
		dgg56-12x80		SN74CBT16214CDGGR	Texas Instruments
16	1 each	102638-0001R	PS	IC,TSSOP48,20-BIT LOW VOLTAGE BUS SWITCH MATL	U57
		dgg48-12x80		SN74CB3Q16210DGGR	Texas Instruments
17	1 each	101732-0245R	PS	IC,TSSOP48,3.3V,16-BIT TRANSCEIVER MATL	U25
		dgg48-12x80		SN74LVT16245BDGGR	Texas Instruments
18	2 each	102085-0025R	PS	IC,BGA84/BGA92,DDR2 SDRAM,1G,2.5nS MATL	U28, U35
		BGA92-13P8-MICRON		MT47H64M16HR-25E:H	Micron Technology, Inc.
19	2 each	101338-0001R	PS	IC,TSSOP20,BUCK PWM MATL	U32, U33
		PWP20-14X70-PAD		TPS54310PWPR	Texas Instruments
20	1 each	101457-0244R	PS	IC,TSSOP20,74LVT244,OCTAL BUFFER/DRIVER MATL	U37
		pw20-14x70		SN74LVT244BPWR	Texas Instruments
21	4 each	101593-0001R	PS	IC,TSSOP14,QUAD FET BUS SWITCH,LOW MATL	U17, U19, U59, U66
		tssop14-14x70		SN74CBTLV3125PWR	Texas Instruments
22	1 each	102288-0001R	PS	IC,TSSOP14,QUAD BUS BUFFER GATE,LOW MATL	U30
		pw14-12x70		SN74LV125APWR	Texas Instruments
23	1 each	102371-0001R	PS	IC,TSSOP,REMOTE 8-BIT I/O EXPANDER FOR I2C MATL	U3
		pw20-14x70		PCF8574APWR	Texas Instruments
24	1 each	102515-0001R	PS	IC,TSOP24,PROGRAMMABLE 4-PLL CLOCK MATL	U8
		pw24-14x70		CDCE949PW	Texas Instruments
25	1 each	101574-0001R	PS	IC,SSOP28,RS-232 DRIVER/RECEIVER MATL	U10
		SSOP28-16X70		MAX3243CDBR	Texas Instruments

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27	1 each	101027-0001R	PS	IC,SO5,SINGLE SCHMITT-TRIGGER INVERTER MATL	U64
		dck-5		SN74AHC1G14DCKR	Texas Instruments
28	2 each	101057-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U11, U12
		dck-5		SN74LVC1G125DCKR	Texas Instruments
29	6 each	101689-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U22, U23, U24, U63, U72, U73
		dck-5		SN74CBTLV1G125DCKR	Texas Instruments
30	2 each	102752-0001R	PS	IC,SMT,LINEAR REGULATOR,500mA MATL	U4, U67
		drc10-11x33		TPS74701DRCR	Texas Instruments
32	2 each	102000-0001R	PS	IC,QSOP20,LOW VOLTAGE,QUICK SWITCH MATL	U56, U58
		QSOP20-14X70		SN74CBTLV3245APWR	Texas Instruments
33	2 each	100714-0001R	PS	IC,QSOP16,QUAD 2:1 MATL	U49, U60
		TSSOP16-14X70		SN74CBT3257PWR	Texas Instruments
34	1 each	102258-0001R	PS	IC,QFN32,LOW POWER STEREO AUDIO CODEC MATL	U27
		QFN32_202SQ		TLV320AIC32IRHBT	Texas Instruments
35	3 each	102020-0009R	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U41, U42, U43
		DBV6-27X39-6		TPS3808G09DBVR	Texas Instruments
36	2 each	102210-0125R	PS	IC,SO5,SINGLE FET BUS SWITCH MATL	U47, U48
		dck-5		SN74CBT1G125DCKR	Texas Instruments
37	2 each	102431-0001R	PS	TRANSISTOR,SOT223,PNP,1A MATL	U1, U9
		sot223-50x80-3		BCP69T1G	ON Semiconductor
39	1 each	102171-0001R	PS	INFRARED RECEIVER,THRU-HOLE,40kHz MATL	U2
		tsop34840-6545		TSOP34840	Vishay Intertechnology
40	1 each	102541-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U6
		pw20-14x70		THS7353PW	Texas Instruments
41	1 each	101057-0032R	PS	IC,SO5,SINGLE 2-INPUT POSITIVE-OR GATE MATL	U44
		dck-5		SN74LVC1G32DCKR	Texas Instruments

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42	1 each	102451-0005R	PS	POWER MODULE,10A,ADJUSTABLE MATL	PWR1
		EBS		PTH08T240FAD	Texas Instruments
43	1 each	102631-0001R	PS	IC,DIP8,SERIAL CMOS EEPROM,256K-BIT MATL	U31
		dip8-5638		CAT25256LI-G	Catalyst Semiconductor, Inc.
44	1 each	100983-0012R	PS	OSC,SMT,12 MHZ MATL	U65
		OSC4-71X79		CB3LV-3C-12M0000	CTS Electronics Corporation
45	1 each	101590-0270R	PS	CRYSTAL,SMT,6mm,27 MHZ MATL	Y1
		xtal2-75x94		ABM7-27.000MHZ-D2Y-T	Abracon
46	1 each	101590-0250R	PS	CRYSTAL,SMT,6mm,25 MHZ MATL	Y2
		xtal2-75x94		ABM7-25.000MHZ-D2Y-T	Abracon
47	1 each	101590-0240R	PS	CRYSTAL,SMT,6mm,24 MHZ MATL	Y5
		xtal2-75x94		ABM7-24.000MHZ-D2Y-T	Abracon
48	2 each	101590-0143R	PS	CRYSTAL,SMT,6mm,14.31818 MHZ MATL	Y3, Y4
		xtal2-75x94		ABM7-14.31818MHZ-D2Y-T	Abracon
49	1 each	101590-0330R	PS	CRYSTAL,SMT,6mm,33 MHZ MATL	Y6
		xtal2-75x94		ABM7-33.000MHZ-D2Y-T	Abracon
50	2 each	100695-0002R	PS	DIODE,SOT23,REFERENCE,4.1V MATL	D1, D2
		SOT23-28X44		LM4040CIM3X-4.1/NOPB	National Semiconductor
51	1 each	101808-0006R	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V MATL	D3
		SMC-80X128		SMCJ6.0A-13-F	Diodes, Inc.
52	6 each	100823-0001R	PS	LED,SMT 1206,GREEN MATL	DS1, DS2, DS3, DS4, DS5, DS6
		led1206-59x59		LTST-C150GKT	LITEON
53	2 each	101328-0001R	PS	DIODE,SMT,ULTRAFAST RECTIFIER,1A,50-600V MATL	D4, D5
		do214aa-79x110		MURS120T3G	ON Semiconductor
55	1 each	100872-0004R	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1
		FUSEFOLDER-OMNI-BLOK		0154004.DRT	Littlefuse

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58	1 each	101787-0001R	PS	TRANSISTOR,SMT,DUAL LOAD SWITCH MATL	U40
		DBV6-27X39-6		FDC6331L	Fairchild Semiconductor
58	1 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL	U39
		so8-25x75		TPS2065DR	Texas Instruments
62	2 each	101858-1002R	PS	FERRITE BEAD,SMT 0603,1K OHM MATL	L14, L15
		I603-35x45		BLM18AG102SN1D	Murata Electronics
63	2 each	101858-6001R	PS	FERRITE BEAD,SMT 0603,600 OHM MATL	L52, L58
		I603-35x45		BLM18AG601SN1D	Murata Electronics
64	25 each	101228-2201R	PS	FERRITE BEAD,SMT 0805,220 OHMS MATL	L10, L12, L16, L17, L18, L19, L2, L21, L23, L26, L29, L30, L31, L32, L33, L38, L42, L43, L5, L50, L51, L56, L57, L6, L7
		I805-35x60		BLM21PG221SN1D	Murata Electronics
65	13 each	101126-0001R	PS	FERRITE BEAD,SMT 1806,75 OHMS MATL	L20, L22, L24, L25, L36, L37, L40, L46, L47, L48, L49, L8, L9
		FB1806-41X70		BLM41PG750SN1L	Murata Electronics
66	6 each	101919-0270R	PS	INDUCTOR,SMT 0603,2.7uH,+/-10% MATL	L34, L35, L39, L41, L44, L45
		L603-35x45		MLF1608A2R7K	TDK Corporation
69	1 each	101348-0270R	PS	INDUCTOR,SMT,2.7uH,.11 HEIGHT MATL	L27
		IND-ELL6		ELL-6RH2R7M	Panasonic
70	1 each	102222-0330R	PS	INDUCTOR,SMT,HIGH CURRENT,3.3uH,LOW MATL	L28
		ind2-70x135-ihlp2525		IHLP2525CZER3R3M01	Vishay Intertechnology
71	4 each	102095-1221R	PS	FILTER,SMT 0603,EMI,.022uF,16V MATL	E1, E2, E3, E4
		emi-NFM18		NFM18CC223R1C3D	Murata Electronics
75	3 each	101893-0332R	PS	CAP,TANT,SMT 2816,330uF,6.3V,20% MATL	C22, C28, C41
		c7343-84x118		TPSE337M006R0100	AVX Corporation
76	4 each	100995-0471R	PS	CAP,TANT,SMT 2816,47uF,10V MATL	C21, C50, C76, C81
		c7343-84x118		T491D476K010AT	Kemet Electronics Corporation

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77	2 each	101824-0102R c3528-64x112	PS	CAP,TANT,SMT 1311,100uF,6V MATL	C70, C71 T491B107M006AT Kemet Electronics Corporation
78	16 each	101953-0331R c1206-40x70p	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL	C11, C14, C17, C18, C2, C23, C26, C31, C40, C43, C57, C66, C7, C8, C9, C90 TPSA336K006R0600 AVX Corporation
79	10 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL	C10, C15, C16, C24, C3, C36, C38, C39, C56, C61 T491A106M006AT Kemet Electronics Corporation
80	2 each	101347-0102R c7343-84x118	PS	CAP,POSCAP,SMT 2816,100uF MATL	C34, C35 6TPC100M Sanyo Electronic Components Co. Ltd.
81	3 each	102452-0103R C7343-84X118	PS	CAP,POSCAP,SMT 2816,1000uF,2.5V MATL	C25, C27, C49 2R5TPD1000M8 Sanyo Electronic Components Co. Ltd.
82	3 each	101349-0102R C2220-60X230	PS	CAP,CER,SMT 2220,100uF,X5R,6.3V MATL	C37, C52, C55 GRM55FR60J107KA01 Murata Electronics
83	4 each	101062-0101R C1210-70X102	PS	CAP,CER,SMT 1210,10uF,16V MATL	C32, C33, C73, C78 EMK325F106ZF-T Taiyo Yuden
85	9 each	101064-0221R C1206-40X70	PS	CAP,CER,SMT 1206,22uF,10V MATL	C44, C45, C46, C47, C48, C63, C67, C68, C69 LMK316F226ZL-T Taiyo Yuden
86	6 each	101497-0101R C1206-40X70	PS	CAP,CER,SMT 1206,10uF,6.3V MATL	C155, C42, C486, C62, C82, C83 JMK316B7106ML-T Taiyo Yuden
92	2 each	100993-1822R c603-35x45	PS	CAP,CER,SMT 0603,8200pF,50V,+/-10%,X7R MATL	C253, C258 ECJ-1VB1H822K Panasonic
94	3 each	100993-6803R c603-35x45	PS	CAP,CER,SMT 0603,680pF,50V,+/-10%,X7R MATL	C413, C442, C468 06035C681KAT2A AVX Corporation
95	2 each	100993-1473R c603-35x45	PS	CAP,CER,SMT 0603,470pF,50V,+/-10%,X7R MATL	C53, C59 06035C471KAT2A AVX Corporation

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96	1 each	100993-1472R	PS	CAP,CER,SMT 0603,4700pF,50V,+/-10%,X7R MATL	C175
		c603-35x45		06035C472KAT2A	AVX Corporation
97	2 each	101007-0220R	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL	C154, C487
		c603-35x45		ECJ-1VB0J225K	Panasonic
98	4 each	101637-1334R	PS	CAP,CER,SMT 0603,33pF,100V,+/-5%,NPO MATL	C246, C247, C393, C407
		c603-35x45		ECJ-1VC2A330J	Panasonic
99	6 each	100993-3303R	PS	CAP,CER,SMT 0603,330pF,50V,+/-10%,X7R MATL	C394, C412, C414, C441, C469, C470
		c603-35x45		06035C331KAT2A	AVX Corporation
100	2 each	100993-1332R	PS	CAP,CER,SMT 0603,3300pF,50V,+/-10%,X7R MATL	C58, C60
		c603-35x45		06035C332KAT2A	AVX Corporation
102	3 each	100993-1223R	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL	C248, C273, C306
		c603-35x45		06035C221KAT2A	AVX Corporation
103	13 each	101007-0100R	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL	C104, C12, C13, C164, C19, C193, C20, C223, C250, C292, C386, C84, C95
		c603-35x45		ECJ-1VB0J105K	Panasonic
104	8 each	101103-1184R	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO MATL	C119, C120, C190, C197, C430, C431, C433, C438
		c603-35x45		ECJ-1VC1H180J	Panasonic
107	4 each	100994-1471R	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R MATL	C123, C128, C51, C54
		c603-35x45		ECJ-1VB1C473K	Panasonic
108	2 each	100994-1391R	PS	CAP,CER,SMT 0603,.039uF,16V,+/-10%,X7R MATL	C64, C65
		c603-35x45		ECJ-1VB1C393K	Panasonic
109	4 each	100993-1102R	PS	CAP,CER,SMT 0603,.001uF,50V,+/-10%,X7R MATL	C1, C254, C259, C421
		c603-35x45		06035C102KAT2A	AVX Corporation
110	3 each	100994-1100R	PS	CAP,CER,SMT 0603,.1uF,16V,+/-10%,X7R MATL	C100, C162, C181
		c603-35x45		C0603C104K4RAC	Kemet Electronics Corporation
114	4 each	101782-1224R	PS	CAP,CER,SMT 0402,22pF,50V,+/-5%,NPO MATL	C475, C476, C477, C478
		c402-25		C0402C220J5GACTU	Kemet Electronics Corporation

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115	16 each	101587-5601R	PS	CAP,CER,SMT 0402,560pF,25V,+/-10%,X7R MATL	C124, C126, C228, C293, C298, C313, C333, C336, C373, C390, C392, C432, C434, C439, C86, C88 Kemet Electronics Corporation
		c402-25		C0402C561K5RAC	

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116	298	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R	C101, C102, C103,
	each			MATL	C105, C106, C107, C108, C109, C110, C115, C116, C117, C118, C125, C127, C129, C130, C131, C132, C134, C135, C136, C137, C138, C139, C140, C141, C142, C143, C144, C145, C146, C147, C148, C161, C165, C166, C167, C168, C169, C170, C171, C172, C173, C174, C176, C177, C178, C179, C180, C182, C183, C184, C185, C191, C192, C194, C195, C196, C198, C199, C200, C201, C202, C203, C204, C205, C206, C207, C208, C209, C210, C211, C212, C214, C215, C217, C218, C219, C221, C222, C226, C227, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C240, C241, C242, C243, C244, C249, C251, C256, C257, C261, C262, C263, C265, C266, C267, C268, C269, C270, C271, C272, C274, C275, C276, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C29, C290, C291, C294, C295, C296, C297, C299, C300, C301, C302, C303, C304, C307, C308, C309, C310, C311, C312, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C334, C335, C337, C338, C339,

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					C340, C341, C342, C344, C346, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C388, C389, C391, C395, C396, C397, C398, C399, C4, C400, C401, C402, C403, C404, C405, C406, C408, C409, C410, C411, C415, C416, C417, C418, C419, C420, C422, C423, C425, C426, C435, C436, C437, C440, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C471, C472, C473, C474, C490, C491, C492, C5, C72, C74, C75, C77, C79, C80, C85, C87, C89, C91, C92, C93, C94, C96, C97, C98, C99		
		c402-25		C0402C104K8PACTU	Kemet Electronics Corporation		
117	16 each	101587-1101R	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R MATL	C111, C112, C113, C114, C121, C122, C133, C149, C186, C216, C220, C224, C225, C239, C260, C305		
		c402-25		C0402C103K4RAC	Kemet Electronics Corporation		
118	6 each	102058-1102R	PS	CAP,CER,SMT 0402,.001uF,50V,+/-10%,X7R MATL	C156, C424, C427, C428, C429, C489		
		c402-25		C0402C102K5RAC	Kemet Electronics Corporation		

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		ION Footprint		Mfr P/N	Mfr Name
119	2 each	101782-1565R	PS	CAP,CER,SMT 0402,5.6pF,50V,+/- .25pF,NPO MATL	C150, C488
		c402-25		GJM1555C1H5R6CB01D	Murata Electronics
120	1 each	101069-1502R	PS	RES,NETWORK,SMT,16 PIN,8 RES,1.5K MATL	RN12
		rpak16-10x25-2hv		EXB-2HV152JV	Panasonic
121	8 each	101069-2200R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22 MATL	RN13, RN14, RN15, RN19, RN20, RN28, RN4, RN5
		rpak16-10x25-2hv		EXB-2HV220JV	Panasonic
122	1 each	101069-2203R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22K MATL	RN11
		rpak16-10x25-2hv		EXB-2HV223JV	Panasonic
123	8 each	101069-3300R	PS	RES,NETWORK,SMT,16 PIN,8 RES,33 MATL	RN1, RN2, RN21, RN22, RN23, RN24, RN33, RN38
		rpak16-10x25-2hv		EXB-2HV330JV	Panasonic
124	2 each	101327-1003R	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K MATL	RN10, RN9
		rpak8-10x25-28v		EXB-28V103JX	Panasonic
125	1 each	101327-1002R	PS	RES,NETWORK,SMT,8 PIN,4 RES,1K MATL	RN8
		rpak8-10x25-28v		EXB-28V102JX	Panasonic
126	15 each	101327-2200R	PS	RES,NETWORK,SMT,8 PIN,4 RES,22 MATL	RN18, RN25, RN26, RN27, RN29, RN3, RN30, RN31, RN32, RN34, RN35, RN36, RN37, RN6, RN7
		rpak8-10x25-28v		EXB-28V220JX	Panasonic
130	43 each	101370-0001R	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL	R109, R132, R133, R134, R158, R159, R161, R164, R173, R183, R192, R212, R229, R230, R250, R251, R265, R278, R28, R29, R295, R306, R318, R319, R32, R320, R334, R340, R341, R343, R351, R358, R361, R362, R363, R399, R404, R63, R71, R72, R93, R30, R102
		r402-25		RC0402JR-070RL	Yageo
131	12 each	101370-1000R	PS	RES,SMT 0402,10 OHM,5%,1/16 WATT MATL	R12, R13, R14, R15, R16, R17, R267, R31, R326, R374, R375, R376
		r402-25		RC0402JR-0710RL	Yageo

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		ION Footprint		Mfr P/N	Mfr Name
132	7 each	101370-1001R	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL	R121, R377, R378, R379, R380, R54, R60
		r402-25		RC0402JR-07100RL	Yageo
133	4 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R211, R294, R313, R314
		r402-25		RC0402JR-07100KL	Yageo
134	56 each	101370-1003R	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL	R100, R101, R128, R142, R143, R146, R147, R150, R156, R157, R185, R186, R187, R190, R198, R199, R2, R201, R202, R227, R234, R235, R244, R255, R256, R257, R258, R261, R262, R275, R280, R283, R307, R332, R333, R336, R359, R364, R367, R368, R369, R370, R371, R372, R389, R394, R395, R406, R407, R53, R62, R65, R79, R80, R98, R99, R120
		r402-25		RC0402JR-0710KL	Yageo
135	2 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R189, R286
		r402-25		RC0402JR-071KL	Yageo
136	14 each	101370-2202R	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL	R208, R269, R271, R304, R310, R357, R403, R42, R44, R48, R56, R57, R76, R77
		r402-25		RC0402JR-072K2L	Yageo
137	5 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT MATL	R127, R174, R182, R184, R4
		r402-25		ERJ-2GEJ203X	Panasonic
138	41 each	101370-2200R	PS	RES,SMT 0402,22 OHM,5%,1/16 WATT MATL	R108, R113, R115, R116, R117, R154, R155, R191, R193, R194, R195, R196, R197, R22, R23, R245, R246, R247, R26, R260, R263, R264, R266, R290, R291, R292, R293, R321, R323, R324, R325, R337, R338, R34, R35, R36, R40, R43, R73, R74, R75
		r402-25		RC0402JR-0722RL	Yageo

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				Mfr P/N	Mfr Name
139	38 each	101370-3300R	PS	RES,SMT 0402,33 OHM,5%,1/16 WATT MATL	R103, R104, R105, R106, R107, R144, R145, R148, R149, R203, R204, R207, R210, R222, R24, R25, R268, R27, R273, R274, R327, R355, R381, R382, R383, R384, R385, R386, R387, R388, R41, R45, R46, R47, R49, R5, R66
		r402-25		RC0402JR-0733RL	Yageo
140	8 each	101370-3601R	PS	RES,SMT 0402,360 OHM,5%,1/16 WATT MATL	R200, R216, R217, R218, R219, R220, R221, R259
		r402-25		RC0402JR-07360RL	Yageo
141	2 each	101370-4702R	PS	RES,SMT 0402,4.7K OHM,5%,1/16 WATT MATL	R209, R272
		r402-25		RC0402JR-074K7L	Yageo
142	7 each	101370-4703R	PS	RES,SMT 0402,47K OHM,5%,1/16 WATT MATL	R330, R331, R347, R348, R349, R223, R329
		r402-25		RC0402JR-0747KL	Yageo
143	1 each	101370-2001R	PS	RES,SMT 0402,200 OHM,5%,1/16 WATT MATL	R122
		r402-25		RC0402JR-07200RL	Yageo
147	1 each	102145-6192R	PS	RES,SMT 0402,6.19K,1%,1/16 WATT MATL	R398
		r402-25		ERJ-2RKF6191X	Panasonic
148	3 each	100642-3740R	PS	RES,SMT 0603,37.4 OHM,1%,1/16 WATT MATL	R168, R169, R170
		r603-35x45		ERJ-3EKF37R4V	Panasonic
150	8 each	102145-1003R	PS	RES,SMT 0402,10K,1%,1/16 WATT MATL	R232, R233, R279, R282, R285, R339, R58, R59
		r402-25		RC0402FR-0710KL	Yageo
151	1 each	102145-1002R	PS	RES,SMT 0402,1K,1%,1/16 WATT MATL	R136
		r402-25		RC0402FR-071KL	Yageo
152	1 each	102145-3012R	PS	RES,SMT 0402,3.01K,1%,1/16 WATT MATL	R153
		r402-25		ERJ-2RKF3011X	Panasonic
153	3 each	102145-2003R	PS	RES,SMT 0402,20K OHM,1%,1/16 WATT MATL	R281, R305, R308
		r402-25		RC0402FR-0720KL	Yageo

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154	8 each	102145-4990R r402-25	PS	RES,SMT 0402,49.9 OHM,1%,1/16 WATT MATL ERJ-2RKF49R9X	R85, R86, R87, R88, R89, R90, R91, R92 Panasonic
155	3 each	101370-8200R r402-25	PS	RES,SMT 0402,82 OHM,5%,1/16 WATT MATL RC0402JR-0782RL	R188, R241, R242 Yageo
156	1 each	102145-9092R r402-25	PS	RES,SMT 0402,9.09K OHM,1%,1/16 WATT MATL ERJ-2RKF9091X	R284 Panasonic
157	3 each	102145-7500R r402-25	PS	RES,SMT 0402,75 OHM,1%,1/16 WATT MATL ERJ-2RKF75R0X	R68, R69, R70 Panasonic
158	2 each	102145-4992R r402-25	PS	RES,SMT 0402,4.99K,1%,1/16 WATT MATL ERJ-2RKF4991X	R397, R402 Panasonic
159	1 each	102145-6812R r402-25	PS	RES,SMT 0402,6.81K,1%,1/16 WATT MATL ERJ-2RKF6811X	R401 Panasonic
160	7 each	100687-0001R r603-35X45	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL ERJ-3GEY0R00V	R124, R125, R126, R253, R315, R316, R317 Panasonic
161	1 each	100687-1004R r603-35X45	PS	RES,SMT 0603,100K OHM,5%,1/16 WATT MATL RC0603JR-07100KL	R303 Yageo
162	3 each	100687-2201R r603-35X45	PS	RES,SMT 0603,220 OHM,5%,1/16 WATT MATL ERJ-3GEYJ221V	R180, R277, R61 Panasonic
163	6 each	100687-3301R r603-35X45	PS	RES,SMT 0603,330 OHM,5%,1/16 WATT MATL ERJ-3GEYJ331V	R225, R228, R81, R82, R83, R84 Panasonic
164	5 each	100687-5602R r603-35x45	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT MATL ERJ-3GEYJ562V	R214, R215, R224, R226, R243 Panasonic
170	3 each	100642-1502R r603-35x45	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL ERJ-3EKF1501V	R160, R52, R8 Panasonic
171	1 each	100642-1023R r603-35x45	PS	RES,SMT 0603,10.2K OHM,1%,1/16 WATT MATL ERJ-3EKF1022V	R37 Panasonic

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172	2 each	100642-1004R r603-35x45	PS	RES,SMT 0603,100K OHM,1%,1/16 WATT MATL RC0603FR-07100KL	R311, R64 Yageo
173	3 each	100642-1071R r603-35x45	PS	RES,SMT 0603,107 OHM,1%,1/16 WATT MATL ERJ-3EKF1070V	R179, R236, R237 Panasonic
175	1 each	100642-1214R r603-35x45	PS	RES,SMT 0603,121K OHM,1%,1/16 WATT MATL ERJ-3EKF1213V	R67 Panasonic
176	2 each	100642-1002R r603-35x45	PS	RES,SMT 0603,1K OHM,1%,1/16 WATT MATL ERJ-3EKF1001V	R18, R19 Panasonic
177	2 each	100642-2211R r603-35x45	PS	RES,SMT 0603,221 OHM,1%,1/16 WATT MATL ERJ-3EKF2210V	R94, R95 Panasonic
179	3 each	100642-2002R r603-35x45	PS	RES,SMT 0603,2K OHM,1%,1/16 WATT MATL RC0603FR-072KL	R118, R231, R238 Yageo
180	1 each	100642-3742R r603-35x45	PS	RES,SMT 0603,3.74K OHM,1%,1/16 WATT MATL ERJ-3EKF3741V	R38 Panasonic
183	1 each	100642-6342R r603-35x45	PS	RES,SMT 0603,6.34K OHM,1%,1/16 WATT MATL ERJ-3EKF6341V	R135 Panasonic
187	2 each	100642-7153R r603-35x45	PS	RES,SMT 0603,71.5K OHM,1%,1/16 WATT MATL ERJ-3EKF7152V	R50, R51 Panasonic
188	6 each	100642-7500R r603-35x45	PS	RES,SMT 0603,75 OHM,1%,1/16 WATT MATL ERJ-3EKF75R0V	R181, R213, R248, R276, R328, R360 Panasonic
191	1 each	100642-9092R r603-35x45	PS	RES,SMT 0603,9.09K OHM,1%,1/16 WATT MATL ERJ-3EKF9091V	R287 Panasonic
192	2 each	100642-4990R r603-35x45	PS	RES,SMT 0603,49.9 OHM,1%,1/10 WATT MATL ERJ-3EKF49R9V	R20, R21 Panasonic
193	3 each	100642-1003R r603-35x45	PS	RES,SMT 0603,10K OHM,1%,1/16 WATT MATL ERJ-3EKF1002V	R123, R167, R96 Panasonic

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		ION Footprint		Mfr P/N	Mfr Name
194	1 each	100642-4752R	PS	RES,SMT 0603,4.75K OHM,1%,1/16 WATT MATL	R254
		r603-35x45		ERJ-3EKF4751V	Panasonic
195	1 each	100642-7501R	PS	RES,SMT 0603,750 OHM,1%,1/16 WATT MATL	R288
		r603-35x45		ERJ-3EKF7500V	Panasonic
196	1 each	100552-1002R	PS	RES,SMT 0805,1K OHM,5%,1/10 WATT MATL	R396
		r805-35x60		ERJ-6GEYJ102V	Panasonic
200	1 each	100155-0001R	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL	R55
		r1206-40x70		RC1206JR-070RL	Yageo
201	5 each	100830-0025R	PS	RES,SMT 2512,.025 OHM,1%,1W MATL	R10, R11, R6, R7, R9
		R2512		WSL2512R0250FEA	Vishay Intertechnology
202	1 each	101884-0030R	PS	CONN,SMT,SOCKET,30x2,.5mm,.198H MATL	DC_P1
		qsh-030-01-f		QSH-030-01-L-D-A-K-TR	Samtec, Inc.
203	2 each	101884-0060R	PS	CONN,SMT,SOCKET,60x2,.5mm,.198H MATL	DC_P2, DC_P3
		qsh-060-01-f		QSH-060-01-L-D-A-K	Samtec, Inc.
204	1 each	100115-0002R	PL	HEADER,2 X 1,VERTICAL,PIN SUBA	J7
		JUMP1X2-6040			
205	1 each	100558-0009R	PS	CONN,DB9,MALE,RIGHT ANGLE,.318 MATL	P1
		CONN9D-6547-RT-M		2100-009P	PI Manufacturing Corp.
206	1 each	102169-0001R	PS	CONN,FIBER OPTIC TRANSMITTING MODULE MATL	P3
		conn5-totx141p		LAST TIME BUY 08/31/2010 TOTX147PL(F,T)	Toshiba
207	1 each	102421-0001R	PS	CONN,JACK,RJ45,INTEGRATED MATL	J4
		rj45-jk036		JK0-0036NL	Pulse Engineering
208	1 each	100677-0004R	PS	CONN,MINI-DIN,FEMALE,4 POS. MATL	P7
		749181_1		5749181-1	Tyco Electronics
209	2 each	102184-0001R	PS	CONN,PHONO JACK,SINGLE COLUMN/DOUBLE MATL	P5, P6
		conn3-klp42x		KLP42X-60-R/W	Kycon, Inc.

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211	2 each	102540-0012R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,RED MATL RCJ-012	J10, J3 CUI, Inc.
212	1 each	102540-0014R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,YELLOW MATL RCJ-014	J13 CUI, Inc.
213	2 each	102540-0015R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,BLUE MATL RCJ-015	J1, J12 CUI, Inc.
214	1 each	102540-0017R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,ORANGE MATL RCJ-017	J5 CUI, Inc.
215	2 each	102540-0016R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,GREEN MATL RCJ-016	J11, J2 CUI, Inc.
217	1 each	101286-0022R conn2x22-35x110-2mm-pin	PS	CONN,SMT,22x2,2mm,PIN HEADER MATL NRPN222MAMS-RC	JP2 Sullins Electronics, Corp.
218	1 each	102017-0025R CONN50-110X29-SAMTEC-FTS H-EJ	PS	CONN,SMT,HEADER,EJECTOR,25x2,.05" MATL FTSH-125-01-L-DV-EJ-K- A	JP1 Samtec, Inc.
219	1 each	101238-0001R PWR3-RASM712	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL RASM712TRP15X	J15 Switchcraft
220	2 each	101012-0001R st_3500	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL STX-3500-4NTR	P4, P8 Kycon, Inc.
221	1 each	101678-0001R usb_a_sh	PS	CONN,RECEPTACLE,4 POS,RIGHT MATL 292303-1	J14 Tyco Electronics
224	1 each	100562-0005R conn2x5-amp104652	PS	CONN,SMT,VERTICAL,RECEPTACLE,5X2 MATL 57 per tube, 675 per reel SFM-105-02-S-D-A-K-TR	J9 Samtec, Inc.
225	1 each	100116-0010R JUMP2X10-6040	PL	HEADER,10 X 2,VERTICAL,PIN SUBA	J8
235	1 each	100116-0007R JUMP2X7-6040	PL	HEADER,7 X 2,VERTICAL,PIN SUBA 2011-2X07G00SB/SN	J6 Oupiin

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		ION Footprint		Mfr P/N	Mfr Name
240	1 each	102181-0002R	PS	SWITCH,SMT,SLIDE,2 POSITION,GULL WING MATL	S1
		sw6-40x67_gw		CAS-D20TB	Copal Electronics
241	1 each	100601-0001R	PS	SWITCH,PWB,DPDT,3 AMP,RIGHT ANGLE MATL	SW4
		SW-7201-DPDT-10073		7201MD9AQE	C&K/Unimax, Inc.
242	1 each	101215-0001R	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	SW1
		SW-40X126-EVQP1		EVQ9P105M	Panasonic
243	1 each	101307-0004R	PS	SWITCH,SMT DIP,SIDE,4 POS MATL	SW2
		sw4-44x96-cts		193-4MSRP	CTS Electronics Corporation
244	1 each	101184-0008R	PS	SWITCH,DIP,SMT,HALF-PITCH,8 POS. MATL	SW3
		SW8-30X50		TDA08H0SB1R	C&K/Unimax, Inc.
250	1 each	100186-0008R	PS	SOCKET,DIP,MACHINE,8 PIN MATL	XU31
		dip8-5638-skt		08-3518-10	Aries Electronics, Inc.
260	1 each	512019-0001R	DWG	FAB,PCI BRACKET,TMS320DM6467 HD 1080P CSTM	
					Globe Manufacturing Sales, Inc.
261	1 each	100329-0250R	PS	SCREW,PHILLIPS,PAN,SS,4-40 X .250 MATL	
				0440X0250PNPHSSPS	Above Board Electronics, Inc.
265	1 each	102496-0001R	PS	HEATSINK,ALUMINUM,BLACK,23mm X 23mm MATL	XU29
				374024B00035G	Aavid Thermal Technologies, Inc.
270	43 each	R0402-NOPOP	PS	NP	R1, R110, R111, R112, R114, R129, R130, R131, R137, R138, R139, R140, R141, R151, R152, R162, R163, R165, R239, R240, R249, R252, R270, R297, R298, R3, R301, R302, R312, R322, R33, R335, R346, R350, R352, R353, R356, R365, R373, R39, R393, R400, R405

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				Mfr P/N	Mfr Name
275	3 each	C0402-NOPOP c402-25	PS	NP	C343, C345, C347
280	10 each	R0603-NOPOP r603-35X45	PS	NP	R166, R289, R296, R299, R300, R342, R344, R345, R354, R97
285	5 each	C0603-NOPOP c603-35x45	PS	NP	C187, C188, C189, C252, C255
290	3 each	R0805-NOPOP r805-35x60	PS	NP	R390, R391, R392
300	5 each	NO-POP	PS	NP	P9, Q1, Q2, U45, U46
305	1 each	R2512-NOPOP R2512	PS	NP	R366
310	43 each	TP-NO-POP tp1-6040	PS	NP	TP1, TP10, 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, TP5, TP6, TP7, TP8, TP9
311	1 each	512012-0001	DOC A	UBOOT IMAGE, DM6467T EVM	