

Parts List

512020-0001

ASSY,TMS320DM6467 HD 1080P EVM
SUBA

Type	PL	PCB Package
Revision	B	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 Name	PCB Package	Mfr P/N
1	1 each	512021-0001R	DWG B	PWB,TMS320DM6467 HD 1080P EVM CSTM	
2	1 each	512022-0001	DOC B	LOGIC,TMS320DM6467 HD 1080P EVM SCH	
3	1 each	102657-0006R	PS	IC,BGA361,.8mm,TMS320DM6467 1 Giga Hertz MATL Texas Instruments C7208	U29 TMS320DM6467TZUT1 -- (\$N30)
4	1 each	102259-0005R	PS	IC,TQFP100,FPGA,240 GATES,MAX II,1.8V MATL qfp100sq-12x70 Altera Corporation TQFP100Z	U15 EPM240GT100C5N
5	1 each	102547-0001R	PS	IC,BGA63,NAND,1G,2.7V-3.6V MATL bga63-13p8-CTR Numonyx BGA63-9.5X12MM-.8MM	U38 NAND01GW3B2BZA6E
6	1 each	102570-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL pw20-14x70 Texas Instruments PSOP20PW	U13 THS7303PWR
7	1 each	102512-0001R	PS	IC,PQFP100,TRIPLE 8/10-BIT,VIDEO AND MATL pzp100-12x70-slug Texas Instruments PQFP100PZP	U7 TVP7002PZP
8	1 each	102582-0001R	PS	IC,PQFP80,TRIPLE 10 BIT VIDEO DAC MATL pfp80-12x70-pad Texas Instruments PQFP80-PFP	U14 THS8200PFP
9	2 each	102506-0001R	PS	IC,PQFP80,VIDEO DECODER,2 X 10 BIT MATL pfp80-12x70-pad Texas Instruments PQFP80-PFP	U26, U34 TVP5147M1PFP
10	1 each	102235-0001R	PS	IC,SO8,SERIAL EEPROM,256K-BIT MATL so8-25x75-295 Replaced 101025-0001R. Backwards compatible. Catalyst Semiconductor, SO8WN Inc.	U36 CAT24C256WI-G
12	1 each	102508-0001R	PS	IC,MLCC84,GIGABIT ETHERNET TRANSCEIVER MATL mlcc84 This is obsolete. This is a lifetime supply. Agere Systems MLCC84	U20 L-ET1011N1C-C-D

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		ION Footprint	Mfr Name		PCB Package	Mfr P/N
13	2 each	103046-0001R	PS	IC,QSOP16,4-BIT 1-OF-2 FET MATL	U69, U70	
		tssop16-14x70	Texas Instruments		TSSOP16	SN74CB3Q3257PWR
14	1 each	101933-0001R	PS	IC,SSOP24,10-BIT FET BUS SWITCH,LOW MATL	U71	
		dgv24-9x65	Texas Instruments		DGV24	SN74CB3Q3384ADGVR
15	6 each	102513-0001R	PS	IC,TSSOP56,74CBT16214,12-BIT MATL	U50, U51, U54, U55, U61, U62	
		dgg56-12x80	Texas Instruments		TSSOP56	SN74CBT16214CDGGR
16	1 each	102638-0001R	PS	IC,TSSOP48,20-BIT LOW VOLTAGE BUS SWITCH MATL	U57	
		dgg48-12x80	Texas Instruments		TSSOP48	SN74CB3Q16210DGGR
17	1 each	101732-0245R	PS	IC,TSSOP48,3.3V,16-BIT TRANSCEIVER MATL	U25	
		dgg48-12x80	Texas Instruments		TSSOP48	SN74LVT16245BDGGR
18	2 each	102085-0018R	PS	IC,BGA84/BGA92,DDR2 SDRAM,1G,1.87nS MATL	U28, U35	
		BGA92-13P8-MICRON	Elpida Memory, Inc.		BGA21X9_92	EDE1116ACBG-1J-E
19	2 each	101338-0001R	PS	IC,TSSOP20,BUCK PWM MATL	U32, U33	
		PWP20-14X70-PAD	Texas Instruments		PSOP20T	TPS54310PWPR
20	1 each	101457-0244R	PS	IC,TSSOP20,74LVT244,OCTAL BUFFER/DRIVER MATL	U37	
		pw20-14x70	Texas Instruments		PSOP20PW	SN74LVT244BPWR
21	4 each	101593-0001R	PS	IC,TSSOP14,QUAD FET BUS SWITCH,LOW MATL	U17, U19, U59, U66	
		tssop14-14x70	Texas Instruments		TSSOP14	SN74CBTLV3125PWR
22	1 each	102288-0001R	PS	IC,TSSOP14,QUAD BUS BUFFER GATE,LOW MATL	U30	
		pw14-12x70	Texas Instruments		TSSOP14	SN74LV125APWR
23	1 each	102371-0001R	PS	IC,TSSOP,REMOTE 8-BIT I/O EXPANDER FOR I2C MATL	U3	
		pw20-14x70	Texas Instruments		TSSOP20	PCF8574APWR
24	1 each	102515-0001R	PS	IC,TSOP24,PROGRAMMABLE 4-PLL CLOCK MATL	U8	
		pw24-14x70	Texas Instruments		TI_TSSOP24	CDCE949PW
25	1 each	101574-0001R	PS	IC,SSOP28,RS-232 DRIVER/RECEIVER MATL	U10	
		SSOP28-16X70	Texas Instruments		SSOP28	MAX3243CDBR

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		ION Footprint		Mfr Name	PCB Package	Mfr P/N
27	1 each	101027-0001R	PS	IC,SO5,SINGLE SCHMITT-TRIGGER INVERTER MATL	U64	
		dck-5		Texas Instruments	DCK5	SN74AHC1G14DCKR
28	2 each	101057-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U11, U12	
		dck-5		Texas Instruments	DCK5	SN74LVC1G125DCKR
29	6 each	101689-0125R	PS	IC,SO5,SINGLE BUS BUFFER GATE MATL	U22, U23, U24, U63, U72, U73	
		dck-5		Texas Instruments	DCK5	SN74CBTLV1G125DCKR
30	2 each	102752-0001R	PS	IC,SMT,LINEAR REGULATOR,500mA MATL	U4, U67	
		drc10-11x33		Texas Instruments	QFN10	TPS74701DRCR
32	2 each	102000-0001R	PS	IC,QSOP20,LOW VOLTAGE,QUICK SWITCH MATL	U56, U58	
		QSOP20-14X70		Texas Instruments	PSOP20PW	SN74CBTLV3245APWR
33	2 each	100714-0001R	PS	IC,QSOP16,QUAD 2:1 MATL	U49, U60	
		TSSOP16-14X70		Texas Instruments	TSSOP16	SN74CBT3257PWR
34	1 each	102258-0001R	PS	IC,QFN32,LOW POWER STEREO AUDIO CODEC MATL	U27	
		QFN32_202SQ		Texas Instruments	QFN32	TLV320AIC32IRHBT
35	3 each	102020-0009R	PS	IC,DBV6,SUPERVISORY CIRCUIT,.9V MATL	U41, U42, U43	
		DBV6-27X39-6		Texas Instruments	DBV6	TPS3808G09DBVR
36	2 each	102210-0125R	PS	IC,SO5,SINGLE FET BUS SWITCH MATL	U47, U48	
		dck-5		Texas Instruments	DCK5	SN74CBT1G125DCKR
37	2 each	102431-0001R	PS	TRANSISTOR,SOT223,PNP,1A MATL	U1, U9	
		sot223-50x80-3		ON Semiconductor	SOT223EBC	BCP69T1G
39	1 each	102171-0001R	PS	INFRARED RECEIVER,THRU-HOLE,40kHz MATL	U2	
		tsop34840-6545		Vishay Intertechnology	TSOP34840	TSOP34840
40	1 each	102541-0001R	PS	IC,TSSOP20,3-CHANNEL LOW POWER VIDEO MATL	U6	
		pw20-14x70		Texas Instruments	PSOP20PW	THS7353PW
41	1 each	101057-0032R	PS	IC,SO5,SINGLE 2-INPUT POSITIVE-OR GATE MATL	U44	
		dck-5		Texas Instruments	DCK5	SN74LVC1G32DCKR

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		ION Footprint		Mfr Name	PCB Package	Mfr P/N
42	1 each	102451-0005R	PS	POWER MODULE,10A,ADJUSTABLE MATL	PWR1	
		EBS		Texas Instruments	PTH08T	PTH08T240FAD
43	1 each	102631-0001R	PS	IC,DIP8,SERIAL CMOS EEPROM,256K-BIT MATL	U31	
		dip8-5638		Catalyst Semiconductor, Inc.	DIP8	CAT25256LI-G
44	1 each	100983-0012R	PS	OSC,SMT,12 MHZ MATL	U65	
		OSC4-71X79		CTS Electronics Corporation	CB3LV	CB3LV-3C-12.0000-T
45	1 each	101590-0270R	PS	CRYSTAL,SMT,6mm,27 MHZ MATL	Y1	
		xtal2-75x94		Citizen America Corporation	ABM7	CS10-27.000MABJ-UT
46	1 each	101590-0250R	PS	CRYSTAL,SMT,6mm,25 MHZ MATL	Y2	
		xtal2-75x94		Citizen America Corporation	ABM7	CS10-25.000MABJ-UT
47	1 each	101590-0240R	PS	CRYSTAL,SMT,6mm,24 MHZ MATL	Y5	
		xtal2-75x94		Citizen America Corporation	ABM7	CS10-24.000MABJ-UT
48	2 each	101590-0143R	PS	CRYSTAL,SMT,6mm,14.31818 MHZ MATL	Y3, Y4	
		xtal2-75x94		Citizen America Corporation	ABM7	CS10-14.31818MABJ-UT
49	1 each	101590-0330R	PS	CRYSTAL,SMT,6mm,33 MHZ MATL	Y6	
		xtal2-75x94		Citizen America Corporation	ABM7	CS10-33.000MABJ-UT
50	2 each	100695-0002R	PS	DIODE,SOT23,REFERENCE,4.1V MATL	D1, D2	
		SOT23-28X44		National Semiconductor	LM4040-SOT23	LM4040CIM3X-4.1/NOPB
51	1 each	101808-0006R	PS	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,6V MATL	D3	
		SMC-80X128		Diodes, Inc.	SMC	SMCJ6.0A-13-F
52	6 each	100823-0001R	PS	LED,SMT 1206,GREEN MATL	DS1, DS2, DS3, DS4, DS5, DS6	
		led1206-59x59		LITEON	EIA1206D	LTST-C150GKT
53	2 each	101328-0001R	PS	DIODE,SMT,ULTRAFAST RECTIFIER,1A,50-600V MATL	D4, D5	
		do214aa-79x110		ON Semiconductor	SMB	MURS120T3G

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55	1 each	100872-0004R	PS	FUSE,SMT,OMNI-BLOK,4A MATL	F1	
		FUSEFOLDER-OMNI-BLOK	Littlefuse		F-SMF-OMNI-BLOK	154004T
58	1 each	102810-0001R	PS	IC,SO8,POWER DISTRIBUTION MATL	U39	
		so8-25x75	Texas Instruments		SO8	TPS2065DR
58	1 each	101787-0001R	PS	TRANSISTOR,SMT,DUAL LOAD SWITCH MATL	U40	
		DBV6-27X39-6	Fairchild Semiconductor		DBV6	FDC6331L
62	2 each	101858-1002R	PS	FERRITE BEAD,SMT 0603,1K OHM MATL	L14, L15	
		I603-35x45	Murata Electronics		EIA0603	BLM18AG102SN1D
63	2 each	101858-6001R	PS	FERRITE BEAD,SMT 0603,600 OHM MATL	L52, L58	
		I603-35x45	Murata Electronics		EIA0603	BLM18AG601SN1D
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	Murata Electronics		EIA0805	BLM21PG221SN1D
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	Murata Electronics		SMTIND	BLM41PG750SN1L
66	6 each	101919-0270R	PS	INDUCTOR,SMT 0603,2.7uH,+/-10% MATL	L34, L35, L39, L41, L44, L45	
		L603-35x45	TDK Corporation		EIA0603	MLF1608A2R7K
69	1 each	101348-0270R	PS	INDUCTOR,SMT,2.7uH MATL	L27	
		IND-ELL6	Panasonic		ELL6	ELL-6RH2R7M
70	1 each	102222-0330R	PS	INDUCTOR,SMT,HIGH CURRENT,3.3uH,LOW MATL	L28	
		ind2-70x135-ihlp2525	Vishay Intertechnology		IHLP2525CZ	IHLP2525CZER3R3M01
71	4 each	102095-1221R	PS	FILTER,SMT 0603,EMI,.022uF,16V MATL	E1, E2, E3, E4	
		emi-NFM18	Murata Electronics		NFM18C	NFM18CC223R1C3D
75	3 each	101893-0332R	PS	CAP,TANT,SMT 2816,330uF,6.3V,20% MATL	C22, C28, C41	
		c7343-84x118	AVX Corporation		EIA2816P	TPSE337M006R0100

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76	4 each	100995-0471R c7343-84x118	PS	CAP,TANT,SMT 2816,47uF,10V MATL Kemet Electronics Corporation	EIA2816P	C21, C50, C76, C81 T491D476K010AT
77	2 each	101824-0102R c3528-64x112	PS	CAP,TANT,SMT 1311,100uF,6V MATL Kemet Electronics Corporation	EIA1311P	C70, C71 T491B107M006AT
78	16 each	101953-0331R c1206-40x70p	PS	CAP,TANT,SMT 1206,33uF,6.3V,LOW ESR MATL AVX Corporation	EIA1206P	C11, C14, C17, C18, C2, C23, C26, C31, C40, C43, C57, C66, C7, C8, C9, C90 TPSA336K006R0600
79	10 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL Kemet Electronics Corporation	EIA1206P	C10, C15, C16, C24, C3, C36, C38, C39, C56, C61 T491A106M006AT
80	2 each	101347-0102R c7343-84x118	PS	CAP,POSCAP,SMT 2816,100uF MATL Sanyo Electronic Components Co. Ltd.	EIA2816P	C34, C35 6TPC100M
81	3 each	102452-0103R CAP_D4D	PS	CAP,POSCAP,SMT 2816,1000uF,2.5V MATL Sanyo Electronic Components Co. Ltd.	EIA2816P	C25, C27, C49 2R5TPD1000M8
82	3 each	101349-0102R C2220-60X230	PS	CAP,CER,SMT 2220,100uF,X5R,6.3V MATL Murata Electronics	EIA2220	C37, C52, C55 GRM55FR60J107KA01
83	4 each	101062-0101R C1210-70X102	PS	CAP,CER,SMT 1210,10uF,16V MATL Taiyo Yuden	EIA1210	C32, C33, C73, C78 EMK325F106ZF-T
85	9 each	101064-0221R C1206-40X70	PS	CAP,CER,SMT 1206,22uF,10V MATL Taiyo Yuden	EIA1206	C44, C45, C46, C47, C48, C63, C67, C68, C69 LMK316F226ZL-T
86	6 each	101497-0101R C1206-40X70	PS	CAP,CER,SMT 1206,10uF,6.3V MATL Taiyo Yuden	EIA1206	C155, C42, C486, C62, C82, C83 JMK316BJ106ML
92	2 each	100993-1822R c603-35x45	PS	CAP,CER,SMT 0603,8200pF,50V,+/-10%,X7R MATL Panasonic	EIA0603	C253, C258 ECJ-1VB1H822K
94	3 each	100993-6803R c603-35x45	PS	CAP,CER,SMT 0603,680pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C413, C442, C468 06035C681KAT2A

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95	2 each	100993-1473R c603-35x45	PS	CAP,CER,SMT 0603,470pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C53, C59 06035C471KAT2A
96	1 each	100993-1472R c603-35x45	PS	CAP,CER,SMT 0603,4700pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C175 06035C472KAT2A
97	2 each	101007-0220R c603-35x45	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL Panasonic	EIA0603	C154, C487 ECJ-1VB0J225K
98	4 each	101637-1334R c603-35x45	PS	CAP,CER,SMT 0603,33pF,100V,+/-5%,NPO MATL Panasonic	EIA0603	C246, C247, C393, C407 ECJ-1VC2A330J
99	6 each	100993-3303R c603-35x45	PS	CAP,CER,SMT 0603,330pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C394, C412, C414, C441, C469, C470 06035C331KAT2A
100	2 each	100993-1332R c603-35x45	PS	CAP,CER,SMT 0603,3300pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C58, C60 06035C332KAT2A
102	3 each	100993-1223R c603-35x45	PS	CAP,CER,SMT 0603,220pF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C248, C273, C306 06035C221KAT2A
103	13 each	101007-0100R c603-35x45	PS	CAP,CER,SMT 0603,1uF,6.3V,X5R,+/-10% MATL Panasonic	EIA0603	C104, C12, C13, C164, C19, C193, C20, C223, C250, C292, C386, C84, C95 ECJ-1VB0J105K
104	8 each	101103-1184R c603-35x45	PS	CAP,CER,SMT 0603,18pF,50V,+/-5%,NPO MATL Panasonic	EIA0603	C119, C120, C190, C197, C430, C431, C433, C438 ECJ-1VC1H180J
107	4 each	100994-1471R c603-35x45	PS	CAP,CER,SMT 0603,.047uF,16V,+/-10%,X7R MATL Panasonic	EIA0603	C123, C128, C51, C54 ECJ-1VB1C473K
108	2 each	100994-1391R c603-35x45	PS	CAP,CER,SMT 0603,.039uF,16V,+/-10%,X7R MATL Panasonic	EIA0603	C64, C65 ECJ-1VB1C393K
109	4 each	100993-1102R c603-35x45	PS	CAP,CER,SMT 0603,.001uF,50V,+/-10%,X7R MATL AVX Corporation	EIA0603	C1, C254, C259, C421 06035C102KAT2A
110	3 each	100994-1100R c603-35x45	PS	CAP,CER,SMT 0603,.1uF,16V,+/-10%,X7R MATL Kemet Electronics Corporation	EIA0603	C100, C162, C181 C0603C104K4RAC

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114	4 each	101782-1224R c402-25	PS	CAP,CER,SMT 0402,22pF,50V,+/-5%,NPO MATL Kemet Electronics Corporation	EIA0402	C475, C476, C477, C478 C0402C220J5GACTU
115	16 each	101587-5601R c402-25	PS	CAP,CER,SMT 0402,560pF,25V,+/-10%,X7R MATL Kemet Electronics Corporation	EIA0402	C124, C126, C228, C293, C298, C313, C333, C336, C373, C390, C392, C432, C434, C439, C86, C88 C0402C561K5RAC

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116	298 each	101587-1100R	PS	CAP,CER,SMT 0402, .1uF,10V,+/-10%,X5R MATL		C101, C102, C103, 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		Kemet Electronics Corporation	EIA0402	C0402C104K8PAC
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		Kemet Electronics Corporation	EIA0402	C0402C103K4RAC
118	6 each	102058-1102R	PS	CAP,CER,SMT 0402,.001uF,50V,+/-10%,X7R MATL		C156, C424, C427, C428, C429, C489
		c402-25		Kemet Electronics Corporation	EIA0402	C0402C102K5RAC

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		ION Footprint		Mfr Name	PCB Package	Mfr P/N
119	2 each	101782-1565R	PS	CAP,CER,SMT 0402,5.6pF,50V,+/- .25pF,NPO MATL	C150, C488	
		c402-25		Murata Electronics	EIA0402	GJM1555C1H5R6CB01D
120	1 each	101069-1502R	PS	RES,NETWORK,SMT,16 PIN,8 RES,1.5K MATL	RN12	
		rpak16-10x25-2hv		Panasonic	EXB-2HVS	EXB-2HV152JV
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		Panasonic	EXB-2HVS	EXB-2HV220JV
122	1 each	101069-2203R	PS	RES,NETWORK,SMT,16 PIN,8 RES,22K MATL	RN11	
		rpak16-10x25-2hv		Panasonic	EXB-2HVS	EXB-2HV223JV
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		Panasonic	EXB-2HVS	EXB-2HV330JV
124	2 each	101327-1003R	PS	RES,NETWORK,SMT,8 PIN,4 RES,10K MATL	RN10, RN9	
		rpak8-10x25-28v		Panasonic	EXB-28VS	EXB-28V103JX
125	1 each	101327-1002R	PS	RES,NETWORK,SMT,8 PIN,4 RES,1K MATL	RN8	
		rpak8-10x25-28v		Panasonic	EXB-28VS	EXB-28V102JX
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		Panasonic	EXB-28VS	EXB-28V220JX
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		Yageo	EIA0402	RC0402JR-070RL
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		Yageo	EIA0402	RC0402JR-0710RL

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		ION Footprint		Mfr Name	PCB Package	Mfr P/N
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		Yageo	EIA0402	RC0402JR-07100RL
133	4 each	101370-1004R	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL	R211, R294, R313, R314	
		r402-25		Yageo	EIA0402	RC0402JR-07100KL
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		Yageo	EIA0402	RC0402JR-0710KL
135	2 each	101370-1002R	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL	R189, R286	
		r402-25		Yageo	EIA0402	RC0402JR-071KL
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		Yageo	EIA0402	RC0402JR-072K2L
137	5 each	101370-2003R	PS	RES,SMT 0402,20K,5%,1/16 WATT MATL	R127, R174, R182, R184, R4	
		r402-25		Panasonic	EIA0402	ERJ-2GEJ203X
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		Yageo	EIA0402	RC0402JR-0722RL

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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	Yageo	EIA0402	RC0402JR-0733RL
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	Yageo	EIA0402	RC0402JR-07360RL
141	2 each	101370-4702R	PS	RES,SMT 0402,4.7K OHM,5%,1/16 WATT MATL	R209, R272
		r402-25	Yageo	EIA0402	RC0402JR-074K7L
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	Yageo	EIA0402	RC0402JR-0747KL
143	1 each	101370-2001R	PS	RES,SMT 0402,200 OHM,5%,1/16 WATT MATL	R122
		r402-25	Yageo	EIA0402	RC0402JR-07200RL
147	1 each	102145-6192R	PS	RES,SMT 0402,6.19K,1%,1/16 WATT MATL	R398
		r402-25	Panasonic	EIA0402	ERJ-2RKF6191X
148	3 each	100642-3740R	PS	RES,SMT 0603,37.4 OHM,1%,1/16 WATT MATL	R168, R169, R170
		r603-35x45	Panasonic	EIA0603	ERJ-3EKF37R4V
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	Yageo	EIA0402	RC0402FR-0710KL
151	1 each	102145-1002R	PS	RES,SMT 0402,1K,1%,1/16 WATT MATL	R136
		r402-25	Yageo	EIA0402	RC0402FR-0711KL
152	1 each	102145-3012R	PS	RES,SMT 0402,3.01K,1%,1/16 WATT MATL	R153
		r402-25	Panasonic	EIA0402	ERJ-2RKF3011X
153	3 each	102145-2003R	PS	RES,SMT 0402,20K OHM,1%,1/16 WATT MATL	R281, R305, R308
		r402-25	Yageo	EIA0402	RC0402FR-0720KL

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154	8 each	102145-4990R r402-25	PS	RES,SMT 0402,49.9 OHM,1%,1/16 WATT MATL Panasonic	EIA0402	R85, R86, R87, R88, R89, R90, R91, R92 ERJ-2RKF49R9X
155	3 each	101370-8200R r402-25	PS	RES,SMT 0402,82 OHM,5%,1/16 WATT MATL Yageo	EIA0402	R188, R241, R242 RC0402JR-0782RL
156	1 each	102145-9092R r402-25	PS	RES,SMT 0402,9.09K OHM,1%,1/16 WATT MATL Panasonic	EIA0402	R284 ERJ-2RKF9091X
157	3 each	102145-7500R r402-25	PS	RES,SMT 0402,75 OHM,1%,1/16 WATT MATL Panasonic	EIA0402	R68, R69, R70 ERJ-2RKF75R0X
158	2 each	102145-4992R r402-25	PS	RES,SMT 0402,4.99K,1%,1/16 WATT MATL Panasonic	EIA0402	R397, R402 ERJ-2RKF4991X
159	1 each	102145-6812R r402-25	PS	RES,SMT 0402,6.81K,1%,1/16 WATT MATL Panasonic	EIA0402	R401 ERJ-2RKF6811X
160	7 each	100687-0001R r603-35X45	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL Panasonic	EIA0603	R124, R125, R126, R253, R315, R316, R317 ERJ-3GEY0R00V
161	1 each	100687-1004R r603-35X45	PS	RES,SMT 0603,100K OHM,5%,1/16 WATT MATL Yageo	EIA0603	R303 RC0603JR-07100KL
162	3 each	100687-2201R r603-35X45	PS	RES,SMT 0603,220 OHM,5%,1/16 WATT MATL Panasonic	EIA0603	R180, R277, R61 ERJ-3GEYJ221V
163	6 each	100687-3301R r603-35X45	PS	RES,SMT 0603,330 OHM,5%,1/16 WATT MATL Panasonic	EIA0603	R225, R228, R81, R82, R83, R84 ERJ-3GEYJ331V
164	5 each	100687-5602R r603-35x45	PS	RES,SMT 0603,5.6K OHM,5%,1/16 WATT MATL Panasonic	EIA0603	R214, R215, R224, R226, R243 ERJ-3GEYJ562V
170	3 each	100642-1502R r603-35x45	PS	RES,SMT 0603,1.5K OHM,1%,1/16 WATT MATL Panasonic	EIA0603	R160, R52, R8 ERJ-3EKF1501V
171	1 each	100642-1023R r603-35x45	PS	RES,SMT 0603,10.2K OHM,1%,1/16 WATT MATL Panasonic	EIA0603	R37 ERJ-3EKF1022V

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

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194	1 each	100642-4752R r603-35x45	PS	RES,SMT 0603,4.75K OHM,1%,1/16 WATT MATL Panasonic	R254 EIA0603	ERJ-3EKF4751V
195	1 each	100642-7501R r603-35x45	PS	RES,SMT 0603,750 OHM,1%,1/16 WATT MATL Panasonic	R288 EIA0603	ERJ-3EKF7500V
196	1 each	100552-1002R r805-35x60	PS	RES,SMT 0805,1K OHM,5%,1/10 WATT MATL Panasonic	R396 EIA0805	ERJ-6GEYJ102V
200	1 each	100155-0001R r1206-40x70	PS	RES,SMT 1206,0 OHM,1/8 WATT MATL Yageo	R55 EIA1206	RC1206JR-070RL
201	5 each	100830-0025R R2512	PS	RES,SMT 2512,.025 OHM,1%,1W MATL Vishay Intertechnology	R10, R11, R6, R7, R9 EIA2512	WSL2512R0250FEA
202	1 each	101884-0030R qsh-030-01-f	PS	CONN,SMT,SOCKET,30x2,.5mm,.198H MATL Samtec, Inc.	DC_P1 QSH-30T	QSH-030-01-L-D-A-K-TR
203	2 each	101884-0060R qsh-060-01-f	PS	CONN,SMT,SOCKET,60x2,.5mm,.198H MATL Samtec, Inc.	DC_P2, DC_P3 QSH-60T	QSH-060-01-L-D-A-K
204	1 each	100115-0002R JUMP1X2-6040	PL	HEADER,2 X 1,VERTICAL,PIN SUBA CON2	J7	
205	1 each	100558-0009R CONN9D-6547-RT-M	PS	CONN,DB9,MALE,RIGHT ANGLE,.318 MATL PI Manufacturing Corp.	P1 DB9MR-1225X475	2100-009P
206	1 each	102169-0001R conn5-totx141p	PS	CONN,FIBER OPTIC TRANSMITTING MODULE MATL Toshiba	P3 TOTX141P	TOTX141P(F,T)
207	1 each	102421-0001R rj45-jk036	PS	CONN,JACK,RJ45,INTEGRATED MATL Pulse Engineering	J4 RJ45-JK0	JK0-0036NL
208	1 each	100677-0004R 749181_1	PS	CONN,MINI-DIN,FEMALE,4 POS. MATL Tyco Electronics	P7 749181-1	5749181-1
209	2 each	102184-0001R conn3-klp42x	PS	CONN,PHONO JACK,SINGLE COLUMN/DOUBLE MATL Kycon, Inc.	P5, P6 KLP42-60	KLP42X-60-R/W

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211	2 each	102540-0012R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,RED MATL CUI, Inc.	J10, J3 RCJ-01	RCJ-012
212	1 each	102540-0014R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,YELLOW MATL CUI, Inc.	J13 RCJ-01	RCJ-014
213	2 each	102540-0015R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,BLUE MATL CUI, Inc.	J1, J12 RCJ-01	RCJ-015
214	1 each	102540-0017R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,ORANGE MATL CUI, Inc.	J5 RCJ-01	RCJ-017
215	2 each	102540-0016R rcajack-CUI-RCJ-01	PS	CONN,RCA,RIGHT ANGLE,GREEN MATL CUI, Inc.	J11, J2 RCJ-01	RCJ-016
217	1 each	101286-0022R conn2x22-35x110-2mm-pin	PS	CONN,SMT,22x2,2mm,PIN HEADER MATL Sullins Electronics, Corp.	JP2 SAM-LTMM-122	NRPN222MAMS-RC
218	1 each	102017-0025R CONN50-110X29-SAMTEC-FTS H-EJ	PS	CONN,SMT,HEADER,EJECTOR,25x2,.05" MATL Samtec, Inc.	JP1 SAM-FTSH125DVEJ	FTSH-125-01-L-DV-EJ-K-A
219	1 each	101238-0001R PWR3-RASM712	PS	CONN,SMT,JACK,RIGHT ANGLE,POWER,2.5mm MATL Switchcraft	J15 RASM712	RASM712TRP15X
220	2 each	101012-0001R st_3500	PS	CONN,SMT,JACK,STEREO,4 POS.,3.6mm MATL Kycon, Inc.	P4, P8 ST-3500	STX-3500-4NTR
221	1 each	101678-0001R usb_a_sh	PS	CONN,RECEPTACLE,4 POS,RIGHT MATL Tyco Electronics	J14 USBTYPEA	292303-1
224	1 each	100562-0005R conn2x5-amp104652	PS	CONN,SMT,VERTICAL,RECEPTACLE,5X2 MATL 57 per tube, 675 per reel Samtec, Inc.	J9 SMTCON5X2A	SFM-105-02-S-D-A-K-TR
225	1 each	100116-0010R JUMP2X10-6040	PL	HEADER,10 X 2,VERTICAL,PIN SUBA CON10X2	J8	
235	1 each	100116-0007R JUMP2X7-6040	PL	HEADER,7 X 2,VERTICAL,PIN SUBA Oupiin	J6 CON7X2	2011-2X07G00SB/SN

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240	1 each	102181-0002R	PS	SWITCH,SMT,SLIDE,2 POSITION,GULL WING MATL	S1	
		sw6-40x67_gw		Copal Electronics	CASD20TB	CAS-D20TB
241	1 each	100601-0001R	PS	SWITCH,PWB,DPDT,3 AMP,RIGHT ANGLE MATL	SW4	
		SW-7201-DPDT-10073		C&K/Unimax, Inc.	DPDTSW	7201MD9AQE
242	1 each	101215-0001R	PS	SWITCH,SMT,PUSHBUTTON,MOMENTARY,6mm MATL	SW1	
		SW-40X126-EVQP1		Panasonic	101215	EVQ9P105M
243	1 each	101307-0004R	PS	SWITCH,SMT DIP,SIDE,4 POS MATL	SW2	
		sw4-44x96-cts		CTS Electronics Corporation	TI_SMTDIPSW8R	193-4MSRP
244	1 each	101184-0008R	PS	SWITCH,DIP,SMT,HALF-PITCH,8 POS. MATL	SW3	
		SW8-30X50		C&K/Unimax, Inc.	SMTDIPSW8A	TDA08H0SB1R
250	1 each	100186-0008R	PS	SOCKET,DIP,MACHINE,8 PIN MATL	XU31	
		dip8-5638-skt		Aries Electronics, Inc.	DIP8SOCKET	08-3518-10
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		
				Above Board Electronics,Inc.		0440X0250PNPHSSPS
265	1 each	102496-0001R	PS	HEATSINK,ALUMINUM,BLACK,23mm X 23mm MATL	XU29	
				Aavid Thermal Technologies, Inc.		374024B00035G
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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ASSY,TMS320DM6467 HD 1080P EVM
SUBA

512020-0001
Rev B
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Item	Qty Unit	Part Number	Type Rev	Title Detail	Reference	
		ION Footprint	Mfr Name		PCB Package	Mfr P/N
275	3 each	C0402-NOPOP c402-25	PS	NP	EIA0402	C343, C345, C347
280	10 each	R0603-NOPOP r603-35X45	PS	NP	EIA0603	R166, R289, R296, R299, R300, R342, R344, R345, R354, R97
285	5 each	C0603-NOPOP c603-35x45	PS	NP	EIA0603	C187, C188, C189, C252, C255
290	3 each	R0805-NOPOP r805-35x60	PS	NP	EIA0805	R390, R391, R392
300	5 each	NO-POP	PS	NP	NO-POP	P9, Q1, Q2, U45, U46
305	1 each	R2512-NOPOP R2512	PS	NP	EIA2512	R366
310	43 each	TP-NO-POP tp1-6040	PS	NP	CON1	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