

Parts List

512320-0001R

ASSY,TMS320VC5505 eZDSP USB STICK
SUBA

Type	PL	PCB Package	
Revision	B	ION Footprint	
Status	U	Package Qty	0
Date	5/26/2009	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	512321-0001R	DWG B	PWB,TMS320VC5505 eZDSP USB STICK CSTM	
2	1 each	512322-0001	DOC B	LOGIC,TMS320VC5505 eZDSP USB STICK SCH	
3	1 each	103127-0001R	PS	IC,SO8,SERIAL SPI EEPROM,512K MATL so8-25x75 STMicroelectronics SO8	U9 M95512-WMN6TP
4	1 each	100837-0001R	PS	IC,SOIC,SERIAL EEPROM,3 WIRE MATL so8-25x75 Atmel Corporation SO8	U1 AT93C46-10SU-2.7 SL383
5	1 each	102853-0003R	PS	IC,BGA196,.65mm PITCH,DSP,VC5505, VERSION MATL qty 78 on 07/10/09 minus 23 sent for 21 reworks. zch196-p65mm Texas Instruments BGA196-14X14-.65MM	U4 TMX320VC5505DZCH
8	1 each	103128-0001R	PS	IC,QFN32,ULTRA LOW POWER STEREO AUDIO MATL QFN32_202SQ Texas Instruments QFN32	U6 TLV320AIC3204IRHBT
9	1 each	102939-0001R	PS	IC,QFP48,DUAL USB UART MATL lqfp48-10x50 Future Technology Devices International Limited PQFP48	U5 FT2232D
10	2 each	103125-0001R	PS	IC,SO8,250mA TPS76601DVOLTAGE MATL so8-25x75 Texas Instruments SO8	U8, U7 TPS76601DR
15	1 each	100983-0012R	PS	OSC,SMT,12 MHZ MATL OSC4-71X79 CTS Electronics Corporation CB3LV	U3 CB3LV-3C-12.0000-T
21	1 each	102109-0001R	PS	TRANSISTOR,SOT23,SWITCHING MATL sot23-28x44 Fairchild Semiconductor SOT23-NPN	Q1 FJV3109RMTF
25	1 each	102883-0032R	PS	CRYSTAL,SMT,32.768kHz MATL xtal4-23x47-ssp-t7 Seiko Instruments USA, Inc. SSP-T7-F	Y3 SSPT7F-12.5PF20PPM

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Rev B

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		ION Footprint		Mfr Name	PCB Package	Mfr P/N
26	1 each	101076-0006R XTAL2-CSM7-177X60	PS	CRYSTAL,SMT,6MHZ,32pF MATL ECS	CSM-7 ECS-60-32-5PX-TR	Y1
30	5 each	101728-1501R I805-35x60	PS	FERRITE BEAD,SMT 0805,150 OHMS MATL Murata Electronics	EIA0805	FB1, FB2, FB3, FB4, FB5 BLM21AG151SN1D
31	2 each	101228-2201R I805-35x60	PS	FERRITE BEAD,SMT 0805,220 OHMS MATL Murata Electronics	EIA0805	L1, L2 BLM21PG221SN1D
35	1 each	100823-0001R led1206-59x59	PS	LED,SMT 1206,GREEN MATL LITEON	EIA1206D	DS1 LTST-C150GKT
39	2 each	101824-0102R c3528-64x112	PS	CAP,TANT,SMT 1311,100uF,6V MATL Kemet Electronics Corporation	EIA1311P	C14, C15 T491B107M006AT
40	1 each	101003-0101R c1206-40x70-POL	PS	CAP,TANT,SMT 1206,10uF,6.3V MATL Kemet Electronics Corporation	EIA1206P	C2 T491A106M006AT
42	9 each	101497-0101R C1206-40X70	PS	CAP,CER,SMT 1206,10uF,6.3V MATL Taiyo Yuden	EIA1206	C11, C13, C16, C17, C20, C21, C4, C6, C1 JMK316BJ106ML
45	3 each	102590-0470R c603-35x45	PS	CAP,CER,SMT 0603,4.7uF,6.3V,X5R,+/-20% MATL Panasonic	EIA0603	C81, C80, C22 ECJ-1VB0J475M
46	2 each	101782-1334R c402-25	PS	CAP,CER,SMT 0402,33pF,50V,+/-5%,NPO MATL Kemet Electronics Corporation	EIA0402	C5, C10 C0402C330J5GAC
47	2 each	101103-1274R c603-35x45	PS	CAP,CER,SMT 0603,27pF,50V,+/-5%,NPO MATL Panasonic	EIA0603	C24, C25 ECJ-1VC1H270J
48	3 each	101007-0220R c603-35x45	PS	CAP,CER,SMT 0603,2.2uF,6.3V,X5R,+/-10% MATL Panasonic	EIA0603	C23, C85, C84 ECJ-1VB0J225K
49	2 each	101007-1470R c603-35x45	PS	CAP,CER,SMT 0603,.47uF,6.3V,X5R,+/-10% MATL Panasonic	EIA0603	C18, C19 ECJ-1VB0J474K
51	3 each	100994-1331R c603-35x45	PS	CAP,CER,SMT 0603,.033uF,16V,+/-10%,X7R MATL Panasonic	EIA0603	C3, C7, C66 ECJ-1VB1C333K

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55	2 each	101782-1474R c402-25	PS	CAP,CER,SMT 0402,47pF,50V,+/-5%,NPO MATL Kemet Electronics Corporation	EIA0402	C12, C9 C0402C470J5GACTU
56	9 each	102962-0100R c402-25	PS	CAP,CER,SMT 0402,1uF,6.3V,+/-10%,X5R MATL Murata Electronics	EIA0402	C31, C33, C46, C50, C53, C54, C59, C71, C77 GRM155R60J105KE19D
57	36 each	101587-1100R c402-25	PS	CAP,CER,SMT 0402,.1uF,10V,+/-10%,X5R MATL Kemet Electronics Corporation	EIA0402	C27, C26, C28, C30, C32, C34, C35, C37, C39, C40, C41, C43, C44, C45, C47, C49, C51, C56, C58, C61, C62, C63, C64, C65, C67, C68, C69, C72, C73, C74, C75, C76, C79, C83, C82, C78 C0402C104K8PAC
58	11 each	101587-1101R c402-25	PS	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R MATL Kemet Electronics Corporation	EIA0402	C29, C38, C42, C48, C52, C55, C36, C57, C60, C70, C8 C0402C103K4RAC
70	8 each	101370-0001R r402-25	PS	RES,SMT 0402,0 OHM,1/16 WATT MATL Yageo	EIA0402	R29, R33, R35, R45, R46, R47, R48, R6 RC0402JR-070RL
71	1 each	101370-1502R r402-25	PS	RES,SMT 0402,1.5K,5%,1/16 WATT MATL Yageo	EIA0402	R5 RC0402JR-071K5L
72	1 each	101370-1001R r402-25	PS	RES,SMT 0402,100 OHM,5%,1/16 WATT MATL Yageo	EIA0402	R50 RC0402JR-07100RL
73	4 each	101370-1004R r402-25	PS	RES,SMT 0402,100K,5%,1/16 WATT MATL Yageo	EIA0402	R12, R14, R30, R62 RC0402JR-07100KL
74	15 each	101370-1003R r402-25	PS	RES,SMT 0402,10K,5%,1/16 WATT MATL Yageo	EIA0402	R7, R9, R10, R13, R15, R18, R25, R49, R55, R56, R63, R68, R72, R71, R73 RC0402JR-0710KL
75	2 each	101370-1002R r402-25	PS	RES,SMT 0402,1K,5%,1/16 WATT MATL Yageo	EIA0402	R26, R65 RC0402JR-071KL
76	3 each	101370-2202R r402-25	PS	RES,SMT 0402,2.2K OHM,5%,1/16 WATT MATL Yageo	EIA0402	R16, R27, R57 RC0402JR-072K2L

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77	5 each	101370-2700R	PS	RES,SMT 0402,27 OHM,5%,1/16 WATT MATL	R58, R59, R60, R61, R64	
		r402-25		Yageo	EIA0402	RC0402JR-0727RL
78	1 each	101370-4701R	PS	RES,SMT 0402,470 OHM,5%,1/16 WATT MATL	R44	
		r402-25		Yageo	EIA0402	RC0402JR-07470RL
85	12 each	100687-0001R	PS	RES,SMT 0603,0 OHM,1/16 WATT MATL	R1, R2, R17, R20, R21, R22, R23, R24, R3, R38, R39, R4	
		r603-35X45		Panasonic	EIA0603	ERJ-3GEY0R00V
86	1 each	100687-1203R	PS	RES,SMT 0603,12K OHM,5%,1/16 WATT MATL	R66	
		r603-35X45		Yageo	EIA0603	RC0603JR-0712KL
87	2 each	100687-4702R	PS	RES,SMT 0603,4.7K OHM,5%,1/16 WATT MATL	R51, R54	
		r603-35X45		Yageo	EIA0603	RC0603JR-074K7L
90	2 each	100642-2700R	PS	RES,SMT 0603,27 OHM,1%,1/16 WATT MATL	R8, R11	
		r603-35x45		Yageo	EIA0603	RC0603FR-0727RL
91	1 each	100642-2944R	PS	RES,SMT 0603,294K OHM,1%,1/16 WATT MATL	R67	
		r603-35x45		Panasonic	EIA0603	ERJ-3EKF2943V
92	2 each	100642-1694R	PS	RES,SMT 0603,169K OHM,1%,1/16 WATT MATL	R70, R69	
		r603-35x45		Panasonic	EIA0603	ERJ-3EKF1693V
97	1 each	103136-0001R	PS	CONN,PLUG,4 POS,RIGHT ANGLE,USB TYPE A MATL	J1	
		molex_48037-001		Molex		48037-0001
98	2 each	102129-0001R	PS	CONN,SMT,STEREO JACK,3.5mm MATL	J2, J3	
		sj1_3515		CUI, Inc.	SJ1-3515	SJ1-3515-SMT
100	4 each	R0603-NOPOP	PS	NP	R36, R37, R40, R53	
		r603-35X45			EIA0603	
110	9 each	R0402-NOPOP	PS	NP	R19, R28, R31, R32, R34, R41, R42, R43, R52	
		r402-25			EIA0402	
115	3 each	NO-POP	PS	NP	P1, U2, Y2	
				NO-POP		

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120	16 each	TP-NO-POP	PS	NP	TP1, TP9, TP10, TP12, TP13, TP14, TP15, TP16, TP11, TP2, TP3, TP4, TP5, TP6, TP7, TP8
		tp1-6040		CON1	