		BILL OF MATERIALS DAC38J84-DAC38J82-DAC37J84-DAC37J82 REV D	Texas Instruments TIDA-00996		4/16/2014		
Item		2.12.6	W-1 -	P00 5	201. 21	and the state of the state of	
Number 1	Quantity 0	Part Reference C1 C8 C12 C16 C69 C70 C71 C72 C73	Value 0.01uF	PCB Footprint 0402	Mfr_Name MURATA	Mfr_Part_Number GRM155R71H103KA88D_DNI	Note DNI
2	10	C3 C6 C10 C11 C15 C17 C18 C20 C21 C22	10uF	0603	TDK CORP	C1608X5R1C106M080AB	
		C4 C5 C7 C9 C13 C14 C23 C24 C25 C26 C27 C28 C31 C32 C33 C34 C35 C36 C37 C38 C39 C40 C169 C170 C171 C174 C175 C176 C177					
		C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188					
3	49	C189 C190 C191 C192 C193 C194 C195 C196 C197	.1uF	0201	MURATA	GRM033R61A104KE15D	
5	10 2	C41 C47 C104 C105 C117 C119 C123 C129 C138 C149 C42 C55	.01uF 27pF	0603 0402	KEMET YAGEO	C0603C103K5RACTU CC0402JRNPO9BN270	
6	2	C43 C49	100uF	1206	KEMET	C1206C107M9PACTU	
7	2	C44 C46	4.7uF	0603	Kemet	C0603C475K8PACTU	
		C45 C48 C58 C60 C64 C67 C68 C74 C75 C78 C79 C80 C82 C83 C86 C88 C89 C90 C91 C93 C94 C95 C97 C103 C108 C121 C122 C124					
		C152 C153 C154 C155 C156 C157 C158 C159 C160 C161 C162					
8	48	C163 C164 C165 C166 C167 C200 C206 C207 C236	.1uF	0402	MURATA	GRM155R71C104KA88D	
9 10	0	C50 C92 C198 C51 C52	.1uF 22pF	0402 0402	MURATA AVX	GRM155R71C104KA88D_DNI 04025A220KAT2A_DNI	DNI
11	0	C53 C168	.001uF	0402	AVX	04025C102JAT2A_DNI	DNI
12	2	C54 C56	10uF	1206	MURATA	GRM31CR61E106KA12L	
13	17	C57 C66 C125 C340 C341 C344 C346 C348 C350 C352 C354 C356 C358 C360 C362 C364 C366	1uF	0402	MURATA	GRM155R61A105KE15D	
		C59 C65 C343 C345 C347 C349 C351 C353 C355 C357 C359 C361	201	0.102	Mount	GIIIIII	
14	14	C363 C365	0.01uF	0402	MURATA	GRM155R71H103KA88D	
15 16	1	C61 C62	.68uF 3900pF	0402 0402	MURATA MURATA	GRM155F50J684ZE01D GRM155R71H392KA01D	
17	1	C63	47pF	0402	MURATA	GRM1555C1H470JA01D	
18	2	C81 C120	100pF	0603	AVX CORP	06031A101GAT2A	
19 20	1	C84	2200pF	0402 0402	MURATA	GRM155R71E222KA01D	
20	1	C85 C87	10pF 10uF	0402	MURATA TDK	GRM1555C1H100JA01D C1608X5R1C106M080AB	
22	8	C96 C102 C107 C130 C139 C143 C144 C146	10uF	0805	MURATA	GRM21BR71A106KE51L	
23 24	9	C98 C106 C109 C116 C127 C128 C134 C137 C150	1.0uF 47uF	0603 1206	YAGEO	CC0603KRX7R7BB105	
25	0	C100 C113	4.7uF	TANT_B	MURATA AVX	GRM31CR61A476ME15L TAJB475K010RNJ_DNI	DNI
26	1	C101	33uF	TANT_B	AVX	TPSB336K016R0350	
27	2	C126 C135	2.2uF	0603	MURATA	GRM188R71A225KE15D	
28 29	2	C133 C136 C145 C147	.015uF 22uF	0402 1206	MURATA Murata	GRM155R71C153KA01D GRM31CR60J226KE19L	
30	1	C148	33pF	0402	TDK CORP	C1005C0G1H330G050BA	
31	1	C151	4.7uF	TANT_B	AVX	TAJB475K010RNJ	
32	1	C172 C173 C199	.01uF .01uF	0201 0603	TDK AVX	C0603X5R1A103K030BA	
34	1	C235	47uF	tant b	Kemet	06035C103JAT2A T491B476M010AT	
35	4	D1 D2 D3 D11	LED BLUE	LED_1206	LITE ON	LTST-C150TBKT	
36	4	D4 D5 D6 D7	LED GREEN	LED_1206	LITE ON	LTST-C150KGKT	
37 38	0	D8 D9	LED AMBER MMSZ5235B	LED_1206 DIODE_SM_SOD_123	LITE ON FAIRCHILD	LTST-C150AKT MMSZ5235B_DNI	DNI
39	0	F1	FUSE 2.0A 63V FAST	1206	TE Connectivity	1206SFF200F/63-2_DNI	DNI
40	10	FB2 FB3 FB4 FB5 FB6 FB7 FB8 FB9 FB10 FB17	120 OHM @ 100MHz	1206	MURATA	BLM31PG121SN1L	
41 42	4 6	FB15 FB16 FB20 FB24 FB18 FB19 FB25 FB29 FB32 FB33	50 OHM @ 100MHz 120 OHM @ 100MHz	1206 IND 0402	MURATA MURATA	BLM31PG500SN1 BLM15AG121SN1	
43	2	FB30 FB31	27uF	1206_BEAD_NFM31P	MURATA	NFM31PC276B0J3	
44	1	FB34	1K	1810	Taiyo Yuden	FBMH4525HM102NT	
45 46	0	FB36 GP1 GP2 GP3 GP4 GP5 GP6 GP7 GP8	1K @ 100MHz GND PAD	0603 testpad20_30	TAIYO YUDEN NO PART	BLM21AG102SN1D_DNI CU PAD ONLY	DNI
47	8	J1 J3 J5 J7 J13 J18 J19 J20	SMP_PCB_SMT	SMP B120	MOLEX INC.	0853050232	DIVI
48	4	J2 J8 J9 J11	SMA END LAUNCH	SMA_SMEL_DUAL_PSF-S01_250x215	Johnson Components	142-0711-821	
49	0	J4 J6 J10 J12	SMA END LAUNCH	SMA_SMEL_DUAL_PSF-S01_250x215	Johnson Components	142-0711-821_DNI	DNI
50	4	114			WILIDTH FLEKTRONIK		DIN
	1	J14 J15	USB_MINI_AB	CON_SMRT_USBMNE20_F HDR_THVT_2x5_100_M	WURTH ELEKTRONIK SAMTEC	651 305 142 821	DINI
51 52		J15 J16	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM	CON_SMRT_USBMNE20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01	SAMTEC SAMTEC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-S-10-2-A-K-TR	DNI
51 52 53	1 1 1	J15 J16 J17	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC	CON_SMRT_USBMNE20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312	SAMTEC SAMTEC Johnson Components	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-S-10-2-A-K-TR 142-0701-201	Diti
51 52 53 54	1 1 1 1	115 116 117 121	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40×10_SEAM SMB_THVT_REC HMTSW-104-07-G-D240	CON_SMRT_USBMNE20_F HDR_THVT_2X5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2X4_100_M	SAMTEC SAMTEC Johnson Components SAMTEC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-S-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D240	
51 52 53	1 1 1	J15 J16 J17	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC	CON_SMRT_USBMNE20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312	SAMTEC SAMTEC Johnson Components	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-S-10-2-A-K-TR 142-0701-201	DNI
51 52 53 54 55 56 57	1 1 1 1 0 1 2	115 116 117 121 122 123 124 125	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_1ACKPWR HMTSW-110-07-G-D-240	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M SMD_B120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x1_010_M	SAMTEC SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 085305023_DNI RAPC722X HMTSW-110-07-G-D-240	DNI
51 52 53 54 55 56	1 1 1 1 0	115 116 117 121 122 123	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PG-SMT CONN JACK PWR	CON_SMRT_USBMNE20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3	SAMTEC SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-S-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X	
51 52 53 54 55 56 57	1 1 1 1 0 1 2	115 116 117 121 122 123 124 125 JP1, JP5, JP6	USB_MINI_AB HTSW-105-07-G-D CON_SWVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D240 Jumper_tx3_100_4300.	CON_SMRT_USBMME20_F HDR_THVT_2xS_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_100_M HDR_THVT_1x3_100_M	SAMTEC SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC SAMTEC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02.0-5-10-2-K-TR 142-0701-201 HMTSW-104-07-G-D240 0853050232_DNI RAPC722X HMTSW-110-07-G-D240 HMTSW-103-07-G-S230	DNI (SHUNT 1-2)
51 52 53 54 55 56 57 58 59 60 61	1 1 1 0 1 2 3 1 2 2	115 116 117 121 122 122 123 124 125 191 195 196 192 193 194 L17 L18	USB_MINI_AB HTSW-105-07-G-D CON_SWVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_4301 HDR, THVT, ZPOS Jumper_1x3_100_4301 2.2uH	CON_SMRT_USBMME20_F HDR_THVT_2NS_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2N4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2X10_100_M HDR_THVT_1X3_100_M HDR_THVT_1X3_100_M HDR_THVT_1X3_100_M LPS3015	SAMTEC Johnson Components SAMTEC JOHNSON COMPONENTS MOLEX INC. Switchcraft SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC Colicraft	651 305 142 821 HTSW-105-07-G-D SEAM-4-0-02-0-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 083300232 DNI RAPC722X HMTSW-110-07-G-D-240 HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-103-07-G-S-230 LP33015-222ML	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
51 52 53 54 55 56 57 58 59 60 61 62	1 1 1 0 1 2 3 1 2 2 8	115 116 117 121 122 123 124 125 129 129 129 129 129 129 129 129 199 199	USB_MINI_AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_430L HDR,THVT_2POS Jumper_1x3_100_430L 2.2uH STANDOEF, HER, 4-40 X 1/4", ALUM	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_100_M HDR_THVT_1x3_100_M HDR_THVT_1x3_100_M HDR_THVT_1x3_100_M HDR_THVT_1x3_100_M IDR_S015 MFG125_PLATED	SAMTEC Johnson Components SAMTEC MOLEX INC. SWItchcraft SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC COIlcraft RAF ELECTRONIC HARDWARE	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-05-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X HMTSW-10-07-G-D-240 HTSW-103-07-G-5-230 HTSW-103-07-G-5-230 LP33015-222ML 2216-440-A-I-7	DNI (SHUNT 1-2) (SHUNT 1-2)
51 52 53 54 55 56 57 58 59 60 61	1 1 1 0 1 2 3 1 2 2	115 116 117 121 122 122 123 124 125 191 195 196 192 193 194 L17 L18	USB_MINI_AB HTSW-105-07-G-D CON_SWVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_4301 HDR, THVT, ZPOS Jumper_1x3_100_4301 2.2uH	CON_SMRT_USBMME20_F HDR_THVT_2NS_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2N4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2X10_100_M HDR_THVT_1X3_100_M HDR_THVT_1X3_100_M HDR_THVT_1X3_100_M LPS3015	SAMTEC Johnson Components SAMTEC JOHNSON COMPONENTS MOLEX INC. Switchcraft SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC Colicraft	651 305 142 821 HTSW-105-07-G-D SEAM-4-0-02-0-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 083300232 DNI RAPC722X HMTSW-110-07-G-D-240 HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-103-07-G-S-230 LP33015-222ML	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	1 1 1 1 0 1 2 3 1 2 2 2 8 0 0 1 3	115 116 117 121 122 123 123 124 125 191 195 196 192 193 194 L17 L18 MT1 MT2 MT3 MT4 MT5 MT6 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4	USB_MINI_AB HTSW-105-07-G-D CON_SWMT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_IACR_PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_4301 HDR, THVT, 2POS Jumper_1x3_100_4301 2.2uH STANDOFF, HER, 4-40 X 11/4", ALUM PROBE POINT CSD17313Q2 DTC114EET1G	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_00_M HDR_THVT_1x1_100_M HDR_THVT_1x1_00_M HDR_THVT_1x2_100_M HDR_THVT_1x3_100_M FROSS_015 MFG125_PLATED PROBE_POINT_22PAD mosfet_8_EMM22mm_0p65 SOT_416_3_63x31	SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC Olicraft RAF ELECTRONIC HARDWARE N/A Texas Instruments ON Semiconductor	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-05-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X HMTSW-100-07-G-D-240 HMTSW-102-07-G-S-230 HTSW-102-08-G-S HMTSW-103-07-G-S-230 LP53015-222ML 2116-440-A-I-7 N/A SD17313Q2 DTC114EET1G	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
51 52 53 54 55 56 57 58 59 60 61 62 63 64	1 1 1 1 0 1 2 3 3 1 1 2 2 8 0	115 116 117 121 121 122 123 124 125 124 125 129 195 196 192 193 194 117 1.18 MT1 MT2 MT3 MT4 MT5 MT6 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4 R1	USB_MINI_AB HTSW-105-07-G-D CON_SWVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D240 Jumper_1x3_100_430L HDR,THVT_ZPOS Jumper_1x3_100_430L 2.2.2.14 STANDOFF, HEX, 4-40 X 1 1/4", ALUM PROBE POINT CSD1731302	CON_SMRT_USBMNEZ0_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M HDR_THVT_1x1_00_M HDR_THVT_1x1_00_M HDR_THVT_1x1_00_M PRR_THVT_1x1_00_M PRR_THVT_1x1_00_M HDR_THVT_1x1_00_M PRR_THVT_1x1_00_M HDR_THVT_1x1_00_M HDR_THVT_1x1_00_M UPS3015 MFG12S_PLATED PROBE_POINT_22PAD mosfet 8_Zmmx2mm_0p65	SAMTEC Johnson Components SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC Oilcraft RAF ELECTRONIC HARDWARE N/A Texas Instruments	651 305 142 821 HTSW-105-07-G-D SEAM-4-0-02-0-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0833050232_DNI RAPC722X HMTSW-110-07-G-D-240 HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-102-08-G-S HMTSW-103-07-G-S-230 LP33015-222ML 2116-440-AL-7 N/A CSD1731302	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65	1 1 1 1 0 1 2 3 1 2 2 2 8 0 0 1 3	115 116 117 121 122 123 123 124 125 191 195 196 192 193 194 L17 L18 MT1 MT2 MT3 MT4 MT5 MT6 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4	USB_MINI_AB HTSW-105-07-G-D CON_SWMT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_IACR_PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_4301 HDR, THVT, 2POS Jumper_1x3_100_4301 2.2uH STANDOFF, HER, 4-40 X 11/4", ALUM PROBE POINT CSD17313Q2 DTC114EET1G	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_00_M HDR_THVT_1x1_100_M HDR_THVT_1x1_00_M HDR_THVT_1x2_100_M HDR_THVT_1x3_100_M FROSS_015 MFG125_PLATED PROBE_POINT_22PAD mosfet_8_EMM22mm_0p65 SOT_416_3_63x31	SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC Olicraft RAF ELECTRONIC HARDWARE N/A Texas Instruments ON Semiconductor	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-05-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X HMTSW-100-07-G-D-240 HMTSW-102-07-G-S-230 HTSW-102-08-G-S HMTSW-103-07-G-S-230 LP53015-222ML 2116-440-A-I-7 N/A SD17313Q2 DTC114EET1G	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66	1 1 1 1 0 1 2 3 3 1 2 2 8 0 1 3 1 3 1	115 116 117 121 121 122 123 124 125 124 125 129 129 195 196 192 193 194 117 118 MT1 MT2 MT3 MT4 MT5 MT6 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4 R1 R2 R4 R5 R7 R9 R11 R12 R16 R18 R19 R21 R24 R25 R27 R30 R33 R38 R40 R41 R44 R46 R47 R49 R50 R71 R72 R90 R91 R93 R94 R95 R97 K108 R109 R136 R137 R138 R138 R191 R192 R193 R194 R195 R195 R106 R109 R136 R137 R138 R184 R191 R192 R193	USB_MINI_AB HTSW-105-07-G-D CON_SWVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_JACK_PWR HMTSW-110-07-G-D-240 Jumper_tx3_100_430L HDR,THVT_ZPOS Jumper_tx3_100_430L 2.2uH STANDOFF, HEX_4-40 X 1 1/4", ALUM PROBE POINT CSD17313Q2 DTC114EET1G 0	CON_SMRT_USBMNEZ0_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M PRR_THVT_1x1_010_M SMFG125_PLATED PROBE_POINT_22PAD mosfet 8_Zmmx2mm_0p65 SOT_416_3_63x31 0805	SAMTEC SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC Oilcraft RAF ELECTRONIC HARDWARE N/A Texas Instruments ON Semiconductor PANASONIC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-0-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0833050232_ DNI RAPC722X HMTSW-101-07-G-D-240 HMTSW-102-07-G-S-230 HTSW-102-08-G-S HMTSW-102-08-G-S LPS3015-222ML 2116-440-AL-7 N/A CSD17313Q2 DTC114EET1G ERJ-6GEY0R00V	(SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3)
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51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67	1 1 1 1 1 0 0 1 2 8 0 0 1 1 3 3 1 1 2 2 8 0 0 1 1 3 1 1 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	115 116 117 121 121 122 123 124 125 124 125 129 129 129 129 129 129 129 129 129 129	USB MINI AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN JACK PWR HMTSW-110-07-G-D-240 Jumper_Ix3_100_430L HDR,THVT_2POS Jumper_Ix3_100_430L 2.2uH STANDOFF, HEX, 4-40 X 1 1/4", ALUM PROBE POINT CSD17313Q2 DTC114EET1G 0 0 49.9 0 0 12K 4.7K	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_100_M HDR_THVT_1x1_010_M HDR_THVT_1x1_010_M HDR_THVT_1x1_3_100_M HDR_THVT_1x1_3_100_M GREAT SUBSECTION	SANTEC SAMTEC Johnson Components SAMTEC MOLEX INC. SWITCHART SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC SAMTEC COILITATION COLOR OF THE SAMTEC PANASONIC	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-D-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X HMTSW-110-07-G-D-240 HMTSW-102-07-G-S-230 HTSW-102-07-G-S-230 LTPS3015-222ML 2216-440-AL-7 N/A CSD1731302 DTC114EET16 ERJ-GGEVOROOV ERJ-ZGEOROOX_DNI ERJ-3GEVOROOX_DNI ERJ-3GEVOROOX_DNI ERJ-3GEVOROOX_DNI ERJ-3GEVOROOX_DNI ERJ-2GEOROOX_DNI ERJ-2GEOROOX_DNI ERJ-2GEOROOX_DNI ERJ-2GEVOROOY ERJ-2RKF4202X ERJ-2RKF4701X ERJ-2RKF4701X	DNI (SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3) OR EQUIVALENT
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51 52 53 54 55 56 57 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 80 81 81 82 83 84 85 86 87 88 88 88 88 88 88 88 88 88	1 1 1 1 1 1 0 0 1 1 2 2 8 8 0 0 1 1 3 3 1 1 2 2 2 8 0 0 1 1 3 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0	J15 J16 J17 J17 J18 J19 J22 J23 J24 J25 JP1 JP5 JP6 JP2 JP3 JP4 L17 L18 MT1 MT2 MT3 MT4 MT5 MT5 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4 R1 R2 R4 R5 R7 R9 R11 R12 R12 R13 R13 R2 R24 R25 R27 R30 R33 R38 R40 R41 R44 R46 R47 R49 R50 R71 R72 R90 R91 R93 R94 R95 R97 R108 R109 R136 R177 R183 R184 R191 R192 R193 R194 R3 R6 R6 R10 R13 R20 R23 R26 R28 R29 R31 R32 R34 R35 R36 R37 R39 R45 R48 R104 R112 R195 R196 R197 R198 R199 R200 R201 R202 R14 R15 R17 R22 R42 R43 R92 R96 R102 R103 R13 R133 R178 R185 R186 R187 R188 R189 R190 R51 R19 R120 R121 R52 R53 R54 R57 R68 R69 R61 R64 R107 R111 R59 R62 R65 R66 R67 R68 R69 R70 R79 R80 R122 R122 R124 R125 R73 R78 R78 R74 R87 R75 R76 R38 R84 R77 R89 R100 R81 R32 R85 R86 R88 R106 R115 R116 R138 R88 R108 R118 R118 R116 R138 R89 R98 R114 R117 R118 R129 R130 R131 R132 R134 R126 R115 R118 R129 R130 R131 R132 R134 R126 R127 R128 R143	USB_MINI_AB HTSW-105-07-G-D CON_SWMT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN_IACK PWR HMTSW-110-07-G-D-240 Jumper_1x3_100_4301 2.2uH STANDOEF, HER, 4-40 X 1 1/4", ALUM PROBE POINT CSD17313Q2 DTC114EETIG 0 0 49.9 0 49.9 10 10 10 10 10 10 22 240 49.9 388 22 240 49.9 100 200 49.9 100 200 49.9 100 200 49.9 100	CON_SMRT_USBMME20_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP_134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC722_JACK_THVT_3 HDR_THVT_2x10_100_M HDR_THVT_1x3_100_M HDR_THVT_1x3_100_M HDR_THVT_1x3_100_M IPS3015 MFG125_PLATED PROBE_POINT_2PAD PROBE_POINT_2PAD 04022 0402 0402 0402 0402 0402 0402 04	SANTEC SAMTEC Johnson Components SAMTEC MOLEX INC. SWITCHAFT SAMTEC SAMT	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-05-10-2-A-K-TR 142-0701-201 0853050232_DNI RAPC722X HMTSW-100-07-G-D-240 0853050232_DNI RAPC722X HMTSW-100-07-G-D-240 HTSW-100-07-G-D-240 HTSW-102-08-G-S HMTSW-103-07-G-S-230 LP53015-222ML 2216-440-A-7 N/A CSD1731302 DTC114EET1G ERJ-6GEY0R00V ERJ-2RKF400X ERJ-2RKF400X DNI ERJ-2RKF400X ERJ-2RKF100XX RC0402FR-072K2L ERJ-2RKF1001X ERJ-2RKF400X ERJ-2RKF40X ERJ-2RKF400X ERJ-2RKF400X ERJ-2RKF400X ERJ-2RKF400X ERJ-2RKF40X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ERJ-2RKF4X ER	DNI (SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3) OR EQUIVALENT DNI DNI DNI DNI DNI
51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 87 87 87 87 87 87 87 87 87	1 1 1 1 1 1 0 0 1 2 8 8 0 0 1 1 2 2 8 8 0 0 1 1 1 2 2 8 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	J15 J16 J17 J17 J18 J19 J19 J22 J23 J24 J25 JP1 JP5 JP6 JP2 JP3 JP4 L17 L18 MT1 MT2 MT3 MT4 MT5 MT6 MT7 MT8 PP1 PP2 PP3 PP4 PP5 PP6 PP7 PP9 PP10 PP11 Q1 Q2 Q3 Q4 R1 R2 R4 R5 R7 R9 R11 R12 R16 R18 R19 R21 R24 R25 R27 R30 R33 R38 R40 R41 R44 R46 R47 R49 R50 R71 R72 R90 R91 R93 R94 R95 R97 R108 R109 R136 R17 R183 R184 R191 R192 R193 R94 R95 R97 R108 R109 R136 R17 R183 R184 R191 R192 R193 R94 R95 R97 R108 R109 R136 R17 R183 R184 R191 R192 R193 R194 R3 R6 R8 R10 R13 R20 R25 R26 R28 R29 R31 R32 R34 R35 R36 R37 R39 R45 R48 R104 R112 R195 R196 R197 R198 R199 R200 R201 R202 R14 R15 R17 R22 R42 R43 R92 R96 R102 R103 R113 R133 R178 R185 R186 R187 R188 R189 R190 R51 R19 R120 R121 R52 R53 R54 R57 R63 R101 R110 R55 R56 R66 R66 R66 R60 R107 R111 R59 R62 R65 R66 R67 R68 R69 R70 R79 R80 R122 R122 R124 R125 R73 R78 R74 R87 R75 R76 R3 R84 R77 R99 R100 R81 R82 R85 R86 R88 R105 R106 R115 R116 R138 R89 R86 R88 R105 R106 R115 R116 R138 R89 R86 R88 R105 R106 R115 R116 R138 R89 R88 R114 R117 R118 R129 R130 R131 R132 R134	USB MINI AB HTSW-105-07-G-D CON_SMVT_40x10_SEAM SMB_THVT_REC HMTSW-104-07-G-D-240 SMP_PCB_SMT CONN JACK PWR HMTSW-110-07-G-D-240 Jumper_Ix3_100_430L HDR,THVT_2POS Jumper_Ix3_100_430L C2.24H STANDOFF, HEX, 4-40 X1 1/4", ALUM PROBE POINT CSD17313Q2 DTC114EET1G 0 0 49.9 0 0 49.9 10 12K 4.7K 1K 10 10K 2.2K 1K 10 10K 2.2K 11K 10 10K 2.2K 11K 10 10K 2.2K 11K 10 10K 2.2C 240 130 82 240 49.9 750 100 200 49.9	CON_SMRT_USBMNEZ0_F HDR_THVT_2x5_100_M CON_SMVT_40x10_ASP-134487-01 SMA_THVT_312x312 HDR_THVT_2x4_100_M smp_b120 CON_RAPC72Z_JACK_THVT_3 HDR_THVT_2x10_100_M HDR_THVT_1x1_000_M HDR_THVT	SANTEC SAMTEC Johnson Components SAMTEC Johnson Components SAMTEC MOLEX INC. Switchcraft SAMTEC SAMT	651 305 142 821 HTSW-105-07-G-D SEAM-40-02-D-5-10-2-A-K-TR 142-0701-201 HMTSW-104-07-G-D-240 0853050232_DNI RAPC722X HMTSW-110-07-G-D-240 HMTSW-102-07-G-S-230 HTSW-102-08-G-S HMTSW-102-07-G-S-230 LP53015-222ML 2216-440-AL-7 N/A CSD1731302 DTC114EET16 ERJ-2GE0R00X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF100X ERJ-2RKF10DX ERJ-2RKF40DX ERJ-2RKF40DX ERJ-2RKF40DX ERJ-2RKF40DX ERJ-2RKF10DX ERJ-2RKF40DX ERJ-2RKF40DX ERJ-2RKF40DX ERJ-2RKF10DX ERJ-2RKF40DX E	DNI (SHUNT 1-2) (SHUNT 1-2) (SHUNT 2-3) OR EQUIVALENT DNI DNI DNI DNI DNI

92	1	R150	95.3K	0402	PANASONIC	ERJ-2RKF9532X	
93	1	R151	150K	0402	Yageo	RC0402FR-07150KL	
94	1	R153	182K	0402	Vishay/Dale	CRCW0402182KFKED	
95	1	R173	2.87K	0603	PANASONIC	ERJ-3EKF2871V	
96	1	R174	3.65K	0603	PANASONIC	ERJ-3EKF3651V	
97	1	R174 R175	4.99K	0603	PANASONIC	ERJ-3EKF4991V	
98	1	R176	634	0603	PANASONIC	ERJ-3EKF6340V	
99	2	R179 R180	121	0402	PANASONIC	ERJ-2RKF1210X	
100	0	R181 R182	121	0402	PANASONIC	ERJ-2RKF1210X_DNI	DNI
101	0	SH1 SH2 SH3 SH4	RF SHIELD		LEADER TECH	SL-11356_DNI	DNI
102	0	SJP1 SJP2 SJP3	JUMPER_L_0603_SMT	JUMPER_SMD_L_0603	DNI	DNI	
103	1	SW1	SW RESET	SW_SMVT_RESET	C&K	KT11P3JM34LFS	
104	1	SW2	B3F-1002	SW_THVT_SPST_4_B3F	Omron	B3F-1002	
105	4	T1 T3 T5 T7	JTX-2-10TA+	TFMR_6_RF_DUAL_FOOTPRINT	Mini-Circuits	JTX-2-10TA+	
106	4	T2 T4 T6 T8	MABA-007159-000000	TFMR_6_RF_DUAL_FOOTPRINT	AMP M/A-COM	MABA-007159-000000	
107	2	TP1 TP2	ORN	TP_THVT_100_RND	KEYSTONE	5003	
108	12	TP3 TP4 TP5 TP6 TP7 TP8 TP9 TP10 TP11 TP12 TP22 TP27	BLK	TP_THVT_100_RND_GND	KEYSTONE	5001	
109	4	TP13 TP21 TP26 TP28	GRN	TP_THVT_100_RND	KEYSTONE	5116	
110	10	TP14 TP15 TP16 TP17 TP18 TP19 TP20 TP23 TP24 TP25	BLU	TP_THVT_100_RND	KEYSTONE	5117	
111	1	TP29	RED	TP_THVT_100_RND	KEYSTONE	5000	
112	1	U1	5M80ZT100	tqfp_100_551x551_20	ALTERA	5M80ZT100C5N	
113	1	U10	TPS2400	DBV5	Texas Instruments	TPS2400DBVT	
114	2	U11 U9	TPS74201	qfn20_rgw_p65pitch	Texas Instruments	TPS74201RGWR	
115	1	U12	TLV70233DBV	SOT_5_118X67_57	TI	TLV70233DBVT	
116	1	U15	SN74AUP1T14	SOP_5_85X55_26	TI	SN74AUP1T14DCKR	
						DAC38J84IAAV OF	
						DAC38J82IAAV or	
						DAC37J84IAAV or	
117	1	U2	DAC38J84	BGA_144_10MMx10MM_0P80MM	Texas Instruments	DAC37J82IAAV	
118	1	U3	FT2232H	LQFP_64_402x402_20	FTDI	FT2232HQ-REEL	
119	1	U4	93LC46B-I/MS	MSOP_8_118X118_26	Microchip	93LC46B-I/MS	
120	1	U5	LMK04828	QFN_64_360X360_0P50MM_PWRPAD	TI	LMK04828BISQ/NOPB	
121	2	U6 U8	TPS7A4700	qfn20_rgw_p65pitch	Texas Instruments	TPS7A4700RGWT	
122	1	U7	TPS62420	SON_DRC_10	Texas Instruments	TPS62420DRCR	
123	1	Y1	122.88MHz	VCXO_6_CUSTOM	Crystek	CVHD-950-122.88	
124	1	Y2	12MHz w/ 10pF	XTAL_4_SM_130X102	Abracon	ABM8G-12.000MHZ-B4Y-T	
125	1		BARE BOARD, DAC38J84		VIASYSTEMS	DAC38J84 REV D	
126	8		SCREW, PHIL, 4-40x3/4", SS		BUILDING FASTENERS	PMSSS 440 0075 PH	OR EQUIVALENT
127	6	SEE NOTE 4	SHUNT-HEADER		TE CONNECTIVITY	382811-8	SHUNT FOR HEADER
128	2	SEE NOTE 5	SHUNT-JUMPER-0603		PANASONIC	ERJ-3GEY0R00V	SHUNT FOR JUMPER

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