

#60	Mistral Solutions (P) Ltd.	Project name	CGS EVM
	#60 Adarsh nagari, 100 Feet Ring Road, Dombiv Extension	Document name	LES_TI_430EVM_ASSEMBLY_BOM_REV0
	Bangalore 560 071, Ph. +91-80-30912600, Fax: +91-80-26203644	Date	25-Apr-2016
		BOM Version	1.3
		Schematic Version	1.20
		Board Revision	0
		Total number of Boards required	0

Item Num	Quantity	Part Reference	Mistral Part No	Value	Description	Mfr. name	Mfr. part number
1	208	C1 C5 C12 C15 C17 C25 C28 C40 C41 C44 C45 C46 C47 C50 C55 C58 C61 C62 C65 C67 C68 C71 C82 C83 C84 C85 C86 C87 C89 C90 C106 C109 C122 C131 C134 C136 C143 C147 C159 C162 C165 C170 C171 C173 C236 C238 C266 C268 C272 C277 C279 C280 C286 C290 C293 C294 C308 C311 C312 C319 C328 C329 C331 C332 C333 C338 C341 C343 C345 C347 C349 C351 C354 C359 C361 C363 C364 C367 C368 C370 C371 C372 C373 C374 C375 C376 C377 C378 C379 C380 C382 C383 C391 C393 C394 C395 C405 C406 C410 C412 C413 C416 C420 C421 C423 C424 C425 C426 C427 C428 C429 C430 C431 C432 C433 C434 C436 C437 C438 C447 C454 C458 C459 C460 C461 C467 C470 C480 C481 C482 C483 C486 C492 C532 C622 C626 C630 C634 C635 C638 C639 C641 C642 C643 C645 C646 C647 C655 C656 C657 C661 C663 C665 C667 C668 C669 C670 C672 C674 C675 C676 C678 C679 C680 C683 C684 C685 C687 C688 C689 C690 C691 C692 C693 C694 C695 C696 C698 C700 C710 C703 C708 C733 C743 C746 C749 C753 C755 C761 C762 C763 C772 C780 C781 C782 C783 C784 C789 C792 C805 C809 C816 C817 C818 C819 C820 C821 C822	12000903060-R	0.1uF	CAP CERAMIC 0.1uF 16V 10% X7R 0402	MURATA	GRM155R7E104KA8D
2	9	C5 C4 C5 C166 C360 C744 C745 C807 C808	12001101016-R	22uF	CAP CERAMIC 22uF 25V 10% X7R 1210	MURATA	GRM32ER1E226KE15L
3	1	C6	12001411007-R	100uF 10V	CAP TANTALUM 100uF 10V 20% ESR 3E B3528	KEMET	T491B07M010AT
4	11	C7 C73 C76 C95 C144 C737 C738 C739 C801 C902 C903	12000903019-R	10uF	CAP CERAMIC 10uF 25V 20% X7R 1210	TDK CORPORATION	C325X7R1E106M
5	2	C8 C9	12001411009-R	1000uF 50V	CAP CERAMIC 1000uF 50V 10% X7R 0402	YAGEO	CCM02RX7R09B103
6	16	C10 C11 C16 C24 C42 C43 C303 C315 C381 C388 C448 C494 C415 C546 C582 C735	120010110025-R	22uF	CAP CERAMIC 22uF 16V 10% X5R 0805	TDK CORPORATION	C2012XSR1C226K
7	14	C14 C13 C14 C99 C103 C118 C129 C130 C167 C452 C726 C734 C740 C804	12001110004-R	0.1uF	CAP CERAMIC 0.1uF 50V 10% X7R 0402	TDK CORPORATION	C1005X7R1H104K
8	47	C15 C19 C31 C34 C57 C59 C66 C73 C88 C201 C206 C213 C240 C254 C265 C276 C282 C287 C291 C308 C384 C385 C387 C389 C390 C399 C400 C409 C411 C414 C419 C423 C550 C582 C600 C612 C652 C648 C659 C666 C697 C699 C741 C758 C778 C794 C810	120014050010-R	1uF	CAP CERAMIC 1uF 10V 10% X5R 0402	AVX CORPORATION	0402ZD105KAT2A
9	1	C20	12000903028-R	2.2uF	CAP CERAMIC 2.2uF 25V 10% X7R 1210	KEMET	C1210C225KRC4TU
10	11	C21 C116 C157 C158 C160 C163 C592 C439 C457 C469 C505	12001403032-R	2.2uF	CAP CERAMIC 2.2uF 16V 10% X5R 0402	TDK CORPORATION	C1005X7R1E225K050C
11	1	C22	12001110013-R	22uF 35V	CAP TANTALUM 22uF 35V 20% ESR 25uE E7343	AVX CORPORATION	TMF22M035R0025
12	1	C23	12000903052-R	100uF 35V	CAP ELECTROLYTIC 100uF 35V 20% DPCASE 6666	PANASONIC ECG	EE-FC1V101XP
13	1	C24 C54 C78	12000903015-R	1000uF 50V	CAP CERAMIC 1000uF 50V 10% X7R 0402	VENKEL	C0802X7R100K10K
14	4	C27 C104 C724 C906	12000903033-R	15uF	CAP CERAMIC 15uF 50V 5% NP0 0402	PANASONIC ECG	ECJ-4C1H150
15	12	C29 C72 C80 C127 C131 C220 C223 C232 C234 C334 C335 C407	12000903032-R	22uF	CAP CERAMIC 22uF 25V 10% NP0 0402	AVX CORPORATION	0402A20J2TA
16	4	C32 C36 C37 C38	12001101017-R	1uF	CAP CERAMIC 1uF 25V 10% X7R 0603	MURATA	GRM188R7E105KA12D
17	132	C33 C79 C92 C93 C94 C133 C257 C273 C284 C297 C298 C299 C300 C301 C302 C304 C306 C307 C309 C318 C320 C322 C323 C326 C397 C400 C403 C404 C408 C415 C435 C441 C442 C443 C444 C445 C449 C450 C453 C456 C462 C465 C473 C474 C475 C477 C478 C488 C489 C490 C491 C495 C496 C501 C502 C503 C506 C507 C508 C509 C511 C512 C513 C514 C515 C517 C518 C519 C520 C522 C523 C524 C528 C529 C530 C531 C533 C541 C542 C543 C544 C545 C547 C548 C555 C559 C563 C568 C569 C570 C571 C579 C580 C581 C583 C584 C589 C602 C603 C604 C605 C606 C607 C608 C633 C649 C650 C651 C653 C654 C671 C673 C681 C686 C704 C706 C707 C710 C756 C757 C775 C776 C785 C786 C790 C791 C798 C799 C800 C812 C813 C815	120009030032-R	0.01uF	CAP CERAMIC 0.01uF 16V 10% X7R 0402	PANASONIC ECG	ECJ-0EB1C10K
18	5	C35 C36 C37 C38 C39	1.20009E+11	0.47uF	CAP CERAMIC 0.47uF 25V 10% X7R 0603	MURATA	GRM188R7E104KA12D
19	12	C38 C39 C41 C71 C172 C177 C189 C204 C215 C14 C227 C267 C585	1.20009E+11	100uF	CAP CERAMIC 100uF 10V 20% X5R 1210	TAIYO YUDEN	1MK2280107M-T
20	2	C41 C48	12000906010-R	120uF	CAP POLYMER 120uF 16V 20% ECASE 8833	NUBRICON	PJCU1212ML1G5
21	2	C42 C43	12000903024-R	18uF	CAP CERAMIC 18uF 50V 5% NP0 0402	AVX CORPORATION	0402A180J2TA
22	2	C43 C49	1.20009E+11	33pF	CAP CERAMIC 33pF 50V 5% NP0 0805	YAGEO AMERICA	CY805JNP09B330
23	1	C46	12001030006-R	0.018uF	CAP CERAMIC 0.018uF 16V 10% X7R 0402	PANASONIC ECG	ECJ-4C1E18K
24	1	C47	12000903052-R	820uF	CAP CERAMIC 820uF 10V 10% X7R 0402	KEMET	C0402C22K3R4ACTU
25	15	C49 C100 C105 C113 C146 C222 C288 C330 C355 C356 C711 C713 C717 C720 C723	120011050004-R	4.7uF	CAP CERAMIC 4.7uF 16V 10% X5R 0603	TAIYO YUDEN	EMK107AB475KAT-2
26	14	C70 C102 C180 C184 C202 C210 C216 C217 C219 C249 C250 C258 C259 C293	120011010015-R	0.01uF	CAP CERAMIC 0.01uF 10V 10% X5R 0001	TDK CORPORATION	0402A10K1A103K
27	31	C81 C111 C123 C140 C142 C148 C154 C169 C233 C239 C255 C256 C292 C296 C310 C316 C324 C325 C326 C330 C336 C337 C430 C436 C466 C467 C469 C477 C702 C709 C750	120011040011-R	10uF	CAP CERAMIC 10uF 16V 10% X5R 0805	AVX CORPORATION	0805YD106KAT2A
28	1	C82	120011070007-R	3.3uF	CAP CERAMIC 3.3uF 6.3V 10% X5R 0603	TDK CORPORATION	C16085R0333K
29	1	C101	120010120021-R	830uF 6.3V	CAP TANTALUM 830uF 6.3V 20% ESR 100uE D7343-31	KEMET	TS300337M060ATE010
30	6	C107 C108 C136 C468 C485 C498	120009030424-R	4.7uF	CAP CERAMIC 4.7uF 25V 10% X5R 1206	AVX CORPORATION	1206D475KAT2A
31	70	C110 C112 C114 C121 C124 C125 C126 C137 C138 C141 C149 C190 C191 C192 C195 C161 C164 C165 C166 C167 C168 C169 C170 C171 C172 C173 C174 C175 C176 C177 C178 C179 C180 C181 C182 C183 C184 C185 C186 C187 C188 C189 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C208 C209 C211 C212 C213 C218 C221 C226 C228 C237 C242 C243 C244 C246 C247 C248 C252 C253 C259 C260 C261 C263 C265 C257 C535 C536 C538 C539 C549 C551 C553 C556 C557 C558 C560 C562 C564 C566 C567 C572 C573 C574 C575 C576 C577 C578 C587 C588 C590 C591 C592 C593 C594 C595 C597 C611 C613 C614 C615 C616 C617 C618 C619 C620 C621 C623 C624 C626 C627 C628 C631 C760	1.20009E+11	0.1uF	CAP CERAMIC 0.1uF 25V -20% T0 -80V Y50 0402	MURATA	GRM155F5E104Z0A01D
32	5	C135 C237 C242 C343 C344	120011060001-R	47uF	CAP CERAMIC 47uF 16V 20% X5R 1206	TDK CORPORATION	C2103XSR1C47M
33	1	C144 C145 C417	1.20009E+11	0.22uF	CAP CERAMIC 0.22uF 10V 10% X5R 0402	MURATA	GRM155R6E122A1E19D
34	1	C168	120011040005-R	8.2uF	CAP CERAMIC 8.2uF 50V 5% C0G 0402	JOHANSSON TECHNOLOGY	50R075SR2CV4T
35	90	C174 C175 C176 C181 C182 C183 C188 C190 C191 C192 C193 C194 C195 C196 C197 C198 C199 C200 C201 C208 C209 C211 C212 C213 C218 C221 C226 C228 C237 C242 C243 C244 C246 C247 C248 C252 C253 C259 C260 C261 C263 C265 C257 C535 C536 C538 C539 C549 C551 C553 C556 C557 C558 C560 C562 C564 C566 C567 C572 C573 C574 C575 C576 C577 C578 C587 C588 C590 C591 C592 C593 C594 C595 C597 C611 C613 C614 C615 C616 C617 C618 C619 C620 C621 C623 C624 C626 C627 C628 C631 C760	1.20009E+11	0.1uF	CAP CERAMIC 0.1uF 10V 10% X5R 0201	TAIYO YUDEN	1MK06310104P-F
36	2	C207 C251	1.20015E+11	1uF	CAP CERAMIC 1uF 25V 20% X7R 0304	MURATA	1L1153C70H05ME1
37	1	C252	120014060013-R	4.7uF	CAP CERAMIC 4.7uF 50V 20% X5R 0805	TDK CORPORATION	C2012XSR1H475M
38	1	C254	120009030451-R	470uF	CAP CERAMIC 470uF 50V 10% X7R 0402	AVX CORPORATION	0402C471KA72A
39	2	C262 C269	120009030166-R	100uF	CAP CERAMIC 100uF 16V 10% X7R 0603	AVX CORPORATION	0603Y101KA72A
40	2	C271 C278	12001411006-R	59uF	CAP CERAMIC 59uF 50V 5% NP0 0402	YAGEO AMERICA	CY805JNP09B590
41	2	C282 C295	120009030215-R	12uF	CAP CERAMIC 12uF 50V 5% NP0 0402	AVX CORPORATION	0402S120J2TA
42	4	C313 C314 C317 C321	120014070037-R	100uF	CAP CERAMIC 100uF 25V 10% NP0 0402	KEMET	C0402C101K3GACTU
43	4	C352 C353 C752 C754	120014070039-R	3.3uF	CAP CERAMIC 3.3uF 10V 10% X5R 0603	TDK CORPORATION	C16085R0333K090AC
44	1	C366	1.20009E+11	1000uF	CAP CERAMIC 1000uF 50V 5% NP0 0402	MURATA	GRM155C1H102JA01D
45	1	C451	1.20009E+11	330uF	CAP CERAMIC 330uF 50V 5% NP0 0402	MURATA	GRM155C1H131JA01D
46	2	C742 C811	120011100005-R	330uF	CAP CERAMIC 330uF 50V 5% X7R 0805	MURATA	GRM216R71H332JA01D
47	1	C745	12001500302-R	3.3uF	CAP CERAMIC 3.3uF 6.3V 20% X5R 0402	TDK CORPORATION	C1005X7R1E33M0400C
48	1	C796	120009030126-R	4.7uF	CAP CERAMIC 4.7uF 6.3V 10% X5R 0603	KEMET	C0603475R04ACTU
49	1	C797	120015002003-R	0.33uF	CAP CERAMIC 0.33uF 6.3V 20% JB 0201	TDK CORPORATION	C060303033M030BC
50	2	C824 C826	120013030001-R	0.1uF	CAP CERAMIC 0.1uF 10V 10% X7R 0603	YAGEO AMERICA	C30603K8X7R06B104
51	1	C825	120011120008-R	22uF 100V	CAP ELECTROLYTIC 22uF 100V 20% GCASE 101010	PANASONIC ECU	EEE-FA2A220P
52	1	C826	12001400024-R	1000uF 50V	LOW VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATORS SOT23-5	TEXAS INSTRUMENTS	TLV431CDRVR
53	1	D3	130010130033-R	BS40C-13-F	DIODE SCHOTTKY 40V 5A SMC	DIODES INC	BS40C-13-F
54	1	D4	130014060029-R	MMSD10T1TG	DIODE SWITCHING 250V 0.2A SOD123	ON SEMICONDUCTOR	MMSD10T1TG
55	1	D5	130011010078-R	BS240A-13-F	DIODE SCHOTTKY RECTIFIER 40V 2A SMD	DIODES INC	BS240A-13-F
56	8	D6 D7 D8 D9 D10 D11 D12 D13	130014110022-R	TPD1E1080DPY	DIODE ICH LED PROTECTION SMD02002	TEXAS INSTRUMENTS	TPD1E1080DPY
57	2	D14 D15	130018070018-R	TPD2EUSBDRTR	DIODE 2-CHANNEL ESD PROTECTION DIODES SOT-3	TEXAS INSTRUMENTS	TPD2EUSBDRTR
58	1	D17	130015100009-R	SMC364CA	DIODE TVS BI-DIE 150V 64V SMC	LITTLE FUSE	SMC364CA
59	1	D18	130010120013-R	BZT52C13S	DIODE ZENER 13V 200mW SOD323	DIODES INC	BZT52C13S-7-F
60	1	D19	1.30009E+11	3V431347	DIODE RECTIFIER 40V 1A SMD	DIODES INC	3V431347
61	1	F2	130012030044-R	5A	FUSE SA 32V 1206	LITTLE FUSE	044005 WR
62	4	FB1 FB3 FB38 FB39	130014060028-R	300E	IND FERRITE CHIP 300E 500mA 0603	TDK CORPORATION	MMZ1608R301A
63	32	FB2 FB5 FB7 FB8 FB13 FB14 FB15 FB17 FB19 FB20 FB21 FB23 FB24 FB25 FB27 FB28 FB29 FB32 FB33 FB34 FB41 FB42 FB43 FB44 FB45 FB46 FB47 FB48 FB49 FB51 FB52 FB53	130011070007-R	120E	IND BEAD CHIP 120E 1.2A 0402	TDK CORPORATION	MMZ1005S121C
64	4	FB11 FB26 FB37 FB40	1.30009E+11	10E	IND FERRITE BEAD CHIP 10E SMD	TDK CORPORATION	HF70ACB201209
65	2	FB26 FB33	130014000051-R	1K	PASSIVE FILTER CHIP 1K 250mA 0402	MURATA	BLM15HD102SN1D
66	4	FL1 FL2 FL6 FL11	130010600030-R	1E	FERRITE BEAD 120E 2A 0603	MURATA	BLM18E0121SN1D
67	2	FL3 FL5	130009030747-R	0.47uF	PASSIVE FILTER EMI 0.47uF 2A 0603	MURATA	NFM18P547R003
68	3	FL7 FL8 FL9	1.30009E+11	670uF	PASSIVE FILTER EMI 670uF 0603	MURATA	NFL12SP106K1C1D
69	4	FL13 FL14 FL15 FL16	1.30009E+11	50E	PASSIVE FILTER EMI 50E 3000MA 1206	MURATA	BLM13P1005SN1L
70	1	FL19	130013030027-R	120E	FERRITE CHIP 120E 3A 0603	MURATA	BLM18E0121T1ND
71	1	J1	130012070001-R	CON. MUSB-B 3-F	CON MINI USB-B TYPE SPHS FEMALE RT TH	MOLEX	548190519
72	1	J2	130014090100-R	CON. EDCB- 502	CON EDGE SOCK EDGE CARD SOCKET RA SMD	SAMTEC	MFC6-150-02-S-D-RA1-TR
73	1	J3	130011020010-R	CON. PWRJACK3 RAP722	CON POWER JACK 30V 1.59MAMPIN DIA MLE RT TH	SWITCHCRAFT	RAP722X
74	2	J4 J49	130011010025-R	HDR_6X1	CON HDR 6X1 2.54MM PITCH ST TH	TYCO ELECTRONICS	87224-6

75	1	J5	150014120003-R	CON36 PCI	CON PCI EXPRESS 30PXS SMD	FCI	11061913-100CLF	
76	1	J6	15001411002-R	HDR_1X4	CON HDR 1X4 2.54MM PITCH ST TH	TE CONNECTIVITY	6404544	
77	1	J7	1500111025-R	HDR_2X2	CON HDR 2X2 2.54MM PITCH ST TH	SAMTEC	TSW-107-25-D	
78	1	J8	150011090001-R	CON_10X2	CON 10X2 1.27MM PITCH MALE SMD	SAMTEC	FTR-110-51-S-D-06	
79	9	J9	15001020004-R	HDR_3X1	CON HDR 3X1 2.54MM PITCH ST TH	TYCO ELECTRONICS	87224-3	
80	15	J10	15000903246-R	HDR_2X1	CON HDR 2X1 2.54MM PITCH ST TH	MOLEX	22-02-2021	
81	1	J11	150015001016-R	HDR_2X2S	CON HDR 2X2S 2.54MM PITCH ST TH	SAMTEC	TSW-125-26-T-D	
82	1	J18	1.50009E-11	HDR_5X1	CON HDR 5X1 2.54MM PITCH ST TH	MOLEX	22-02-2051	
83	1	J19	1.50009E-11	CON_PMC_30X2_F	CON PMC 30X2 0.50MM PITCH FEMALE ST SMD	SAMTEC	QSH-030-01-L-D-A	
84	1	J21	15001411009-R	CON_FLEX_1X6	CON FPC 1X6 1MM PITCH RT SMD	WURTH ELECTRONICS INC	6861061422	
85	1	J25	15001411011-R	CON_FLEX_1X40	CON FPC 1X40 0.50MM PITCH RT SMD	FCI	62884-401100ALF	
86	1	J23	1.50009E-11	CON_MUSB_B_5_F	CON MINI USB B TYPE SPOS FEMALE RT SMD	SAMTEC	58185-0572	
87	1	J31	15001406029-R	CON_R145-14	CON RF 45 FEMALE 14POS RT TH	LENK PP	1PFG16314AANL	
88	2	J32 J33	15001405026-R	CON_ALDIBOACKA_SJ-3524-SMT	CON AUDIO JACK 4POS FEMALE RT SMD	CUI INC	SF-5524-SMT-1	
89	1	J34	15001110006-R	CON_PMC_20X2_F	CON PMC 20X2 0.50MM PITCH FEMALE ST SMD	SAMTEC	QSH-020-01-L-D-0P-A	
90	1	J35	15001507016-R	CON_USB-A_87583-2010BLF	CON USB TYPE-A RECPT 40P FLAG PCB FEMALE RT SMD	FCI	87583-2010BLF	
91	1	J36	1.5001E-11	CON_HDMI_19X1	CON RECEPTACLE HDMI TYPE A RT SMD	FCI	1022449-001RFL	
92	1	J39	15001108017-R	CON_SDCARD_8	CON SD CARD PUSH/POUSH 8POS SMD	HIROSE ELECTRIC EUROPE	DM3AT-8P-FPEM5	
93	1	J38	150010120015-R	CON_USB-AR_5_M	CON RECEPTACLE USB 3POS MALE RT SMD	HBS	ZAGS-AB-SPA(11)	
94	1	J41	150014100037-R	HDR_2X30	CON HDR 2X30 2.54MM PITCH ST TH	SAMTEC	TSW-150-26-T-D	
95	1	L1	13000903559-R	22uH	IND POWER 22uH 2.5A 30% SMD	COIL TRONICS	DR1040-220R	
96	1	L2	13001306021-R	2.2uH	IND CHIP COIL 2.2uH 30% 1008	MURATA	1CM2HPNR30M30	
97	1	L3	13001060031-R	3.3uH	IND COIL 3.3uH 16A 20% SMD	SUSUMU	PCMB10T-3R3MS	
98	1	L4	13001100015-R	2.7uH	IND POWER 2.7uH 20% 12.8A SMD	COIL CRAFT	XAL300-272MEB	
99	3	L16 L17	13001090006-R	2.2uH	IND POWER 2.2uH 2.5A 30% SMD	TDR CORPORATION	VLCS500T-2R2N2R6-3	
100	1	L4	13001105012-R	4.7uH	IND POWER 4.7uH 1.7A 30% SMD	TDR CORPORATION	VLCS500T-4R7N1R1-1	
101	2	L10 L11	13001090018-R	2.2uH	IND POWER 2.2uH 6.1A 20% SMD	EPCOS	B5216A1222M	
102	2	L11 L12	13001060008-R	47uH	IND CHOKER 47uH SMD	COIL CRAFT	0805US900MLB	
103	5	L11 L12 L13 L14 L15	13001405006-R	598-8140-107F	LED ALINGAP YELLOW CLEAR 0805 SMD	DIALIGHT	598-8140-107F	
104	6	L104 L105 L106 S107 S108 S109 S110 S111 S112 S113 S114 S115 S116 S117 S118 S119 S120 S121 S122 S123 S124 S125 S126 S127 S128 S129 S130 S131 S132 S133 S134 S135 S136 S137 S138 S139 S140 S141 S142 S143 S144 S145 S146 S147 S148 S149 S150 S151 S152 S153 S154 S155 S156 S157 S158 S159 S160 S161 S162 S163 S164 S165 S166 S167 S168 S169 S170 S171 S172 S173 S174 S175 S176 S177 S178 S179 S180 S181 S182 S183 S184 S185 S186 S187 S188 S189 S190 S191 S192 S193 S194 S195 S196 S197 S198 S199 S200 S201 S202 S203 S204 S205 S206 S207 S208 S209 S210 S211 S212 S213 S214 S215 S216 S217 S218 S219 S220 S221 S222 S223 S224 S225 S226 S227 S228 S229 S230 S231 S232 S233 S234 S235 S236 S237 S238 S239 S240 S241 S242 S243 S244 S245 S246 S247 S248 S249 S250 S251 S252 S253 S254 S255 S256 S257 S258 S259 S260 S261 S262 S263 S264 S265 S266 S267 S268 S269 S270 S271 S272 S273 S274 S275 S276 S277 S278 S279 S280 S281 S282 S283 S284 S285 S286 S287 S288 S289 S290 S291 S292 S293 S294 S295 S296 S297 S298 S299 S300 S301 S302 S303 S304 S305 S306 S307 S308 S309 S310 S311 S312 S313 S314 S315 S316 S317 S318 S319 S320 S321 S322 S323 S324 S325 S326 S327 S328 S329 S330 S331 S332 S333 S334 S335 S336 S337 S338 S339 S340 S341 S342 S343 S344 S345 S346 S347 S348 S349 S350 S351 S352 S353 S354 S355 S356 S357 S358 S359 S360 S361 S362 S363 S364 S365 S366 S367 S368 S369 S370 S371 S372 S373 S374 S375 S376 S377 S378 S379 S380 S381 S382 S383 S384 S385 S386 S387 S388 S389 S390 S391 S392 S393 S394 S395 S396 S397 S398 S399 S400 S401 S402 S403 S404 S405 S406 S407 S408 S409 S410 S411 S412 S413 S414 S415 S416 S417 S418 S419 S420 S421 S422 S423 S424 S425 S426 S427 S428 S429 S430 S431 S432 S433 S434 S435 S436 S437 S438 S439 S440 S441 S442 S443 S444 S445 S446 S447 S448 S449 S450 S451 S452 S453 S454 S455 S456 S457 S458 S459 S460 S461 S462 S463 S464 S465 S466 S467 S468 S469 S470 S471 S472 S473 S474 S475 S476 S477 S478 S479 S480 S481 S482 S483 S484 S485 S486 S487 S488 S489 S490 S491 S492 S493 S494 S495 S496 S497 S498 S499 S500 S501 S502 S503 S504 S505 S506 S507 S508 S509 S510 S511 S512 S513 S514 S515 S516 S517 S518 S519 S520 S521 S522 S523 S524 S525 S526 S527 S528 S529 S530 S531 S532 S533 S534 S535 S536 S537 S538 S539 S540 S541 S542 S543 S544 S545 S546 S547 S548 S549 S550 S551 S552 S553 S554 S555 S556 S557 S558 S559 S560 S561 S562 S563 S564 S565 S566 S567 S568 S569 S570 S571 S572 S573 S574 S575 S576 S577 S578 S579 S580 S581 S582 S583 S584 S585 S586 S587 S588 S589 S590 S591 S592 S593 S594 S595 S596 S597 S598 S599 S600 S601 S602 S603 S604 S605 S606 S607 S608 S609 S610 S611 S612 S613 S614 S615 S616 S617 S618 S619 S620 S621 S622 S623 S624 S625 S626 S627 S628 S629 S630 S631 S632 S633 S634 S635 S636 S637 S638 S639 S640 S641 S642 S643 S644 S645 S646 S647 S648 S649 S650 S651 S652 S653 S654 S655 S656 S657 S658 S659 S660 S661 S662 S663 S664 S665 S666 S667 S668 S669 S670 S671 S672 S673 S674 S675 S676 S677 S678 S679 S680 S681 S682 S683 S684 S685 S686 S687 S688 S689 S690 S691 S692 S693 S694 S695 S696 S697 S698 S699 S700 S701 S702 S703 S704 S705 S706 S707 S708 S709 S710 S711 S712 S713 S714 S715 S716 S717 S718 S719 S720 S721 S722 S723 S724 S725 S726 S727 S728 S729 S730 S731 S732 S733 S734 S735 S736 S737 S738 S739 S740 S741 S742 S743 S744 S745 S746 S747 S748 S749 S750 S751 S752 S753 S754 S755 S756 S757 S758 S759 S760 S761 S762 S763 S764 S765 S766 S767 S768 S769 S770 S771 S772 S773 S774 S775 S776 S777 S778 S779 S780 S781 S782 S783 S784 S785 S786 S787 S788 S789 S790 S791 S792 S793 S794 S795 S796 S797 S798 S799 S800 S801 S802 S803 S804 S805 S806 S807 S808 S809 S810 S811 S812 S813 S814 S815 S816 S817 S818 S819 S820 S821 S822 S823 S824 S825 S826 S827 S828 S829 S830 S831 S832 S833 S834 S835 S836 S837 S838 S839 S840 S841 S842 S843 S844 S845 S846 S847 S848 S849 S850 S851 S852 S853 S854 S855 S856 S857 S858 S859 S860 S861 S862 S863 S864 S865 S866 S867 S868 S869 S870 S871 S872 S873 S874 S875 S876 S877 S878 S879 S880 S881 S882 S883 S884 S885 S886 S887 S888 S889 S890 S891 S892 S893 S894 S895 S896 S897 S898 S899 S900 S901 S902 S903 S904 S905 S906 S907 S908 S909 S910 S911 S912 S913 S914 S915 S916 S917 S918 R919 R920 R921 R922 R923 R924 R925 R926 R927 R928 R929 R930 R931 R932 R933 R934 R935 R936 R937 R938 R939 R940 R941 R942 R943 R944 R945 R946 R947 R948 R949 R950 R951 R952 R953 R954 R955 R956 R957 R958 R959 R960 R961 R962 R963 R964 R965 R966 R967 R968 R969 R970 R971 R972 R973 R974 R975 R976 R977 R978 R979 R980 R981 R982 R983 R984 R985 R986 R987 R988 R989 R990 R991 R992 R993 R994 R995 R996 R997 R998 R999 R1000 R1001 R1002 R1003 R1004 R1005 R1006 R1007 R1008 R1009 R1010 R1011 R1012 R1013 R1014 R1015 R1016 R1017 R1018 R1019 R1020 R1021 R1022 R1023 R1024 R1025 R1026 R1027 R1028 R1029 R1030 R1031 R1032 R1033 R1034 R1035 R1036 R1037 R1038 R1039 R1040 R1041 R1042 R1043 R1044 R1045 R1046 R1047 R1048 R1049 R1050 R1051 R1052 R1053 R1054 R1055 R1056 R1057 R1058 R1059 R1060 R1061 R1062 R1063 R1064 R1065 R1066 R1067 R1068 R1069 R1070 R1071 R1072 R1073 R1074 R1075 R1076 R1077 R1078 R1079 R1080 R1081 R1082 R1083 R1084 R1085 R1086 R1087 R1088 R1089 R1090 R1091 R1092 R1093 R1094 R1095 R1096 R1097 R1098 R1099 R1100 R1101 R1102 R1103 R1104 R1105 R1106 R1107 R1108 R1109 R1110 R1111 R1112 R1113 R1114 R1115 R1116 R1117 R1118 R1119 R1120 R1121 R1122 R1123 R1124 R1125 R1126 R1127 R1128 R1129 R1130 R1131 R1132 R1133 R1134 R1135 R1136 R1137 R1138 R1139 R1140 R1141 R1142 R1143 R1144 R1145 R1146 R1147 R1148 R1149 R1150 R1151 R1152 R1153 R1154 R1155 R1156 R1157 R1158 R1159 R1160 R1161 R1162 R1163 R1164 R1165 R1166 R1167 R1168 R1169 R1170 R1171 R1172 R1173 R1174 R1175 R1176 R1177 R1178 R1179 R1180 R1181 R1182 R1183 R1184 R1185 R1186 R1187 R1188 R1189 R1190 R1191 R1192 R1193 R1194 R1195 R1196 R1197 R1198 R1199 R1200 R1201 R1202 R1203 R1204 R1205 R1206 R1207 R1208 R1209 R1210 R1211 R1212 R1213 R1214 R1215 R1216 R1217 R1218 R1219 R1220 R1221 R1222 R1223 R1224 R1225 R1226 R1227 R1228 R1229 R1230 R1231 R1232 R1233 R1234 R1235 R1236 R1237 R1238 R1239 R1240 R1241 R1242 R1243 R1244 R1245 R1246 R1247 R1248 R1249 R1250 R1251 R1252 R1253 R1254 R1255 R1256 R1257 R1258 R1259 R1260 R1261 R1262 R1263 R1264 R1265 R1266 R1267 R1268 R1269 R1270 R1271 R1272 R1273 R1274 R1275 R1276 R1277 R1278 R1279 R1280 R1281 R1282 R1283 R1284 R1285 R1286 R1287 R1288 R1289 R1290 R1291 R1292 R1293 R1294 R1295 R1296 R1297 R1298 R1299 R1300 R1301 R1302 R1303 R1304 R1305 R1306 R1307 R1308 R1309 R1310 R1311 R1312 R1313 R1314 R1315 R1316 R1317 R1318 R1319 R1320 R1321 R1322 R1323 R1324 R1325 R1326 R1327 R1328 R1329 R1330 R1331 R1332 R1333 R1334 R1335 R1336 R1337 R1338 R1339 R1340 R1341 R1342 R1343 R1344 R1345 R1346 R1347 R1348 R1349 R1350 R1351 R1352 R1353 R1354 R1355 R1356 R1357 R1358 R1359 R1360 R1361 R1362 R1363 R1364 R1365 R1366 R1367 R1368 R1369 R1370 R1371 R1372 R1373 R1374 R1375 R1376 R1377 R1378 R1379 R1380 R1381 R1382 R1383 R1384 R1385 R1386 R1387 R1388 R1389 R1390 R1391 R1392 R1393 R1394 R1395 R1396 R1397 R1398 R1399 R1400 R1401 R1402 R1403 R1404 R1405 R1406 R1407 R1408 R1409 R1410 R1411 R1412 R1413 R1414 R1415 R1416 R1417 R1418 R1419 R1420 R1421 R1422 R1423 R1424 R1425 R1426 R1427 R1428 R1429 R1430 R1431 R1432 R1433 R1434 R1435 R1436 R1437 R1438 R1439 R1440 R1441 R1442 R1443 R1444 R1445 R1446 R1447 R1448 R1449 R1450 R1451 R1452 R1453 R1454 R1455 R1456 R1457 R1458 R1459 R1460 R1461 R1462 R1463 R1464 R1465 R1466 R1467 R1468 R1469 R1470 R1471 R1472 R1473 R1474 R1475 R1476 R1477 R1478 R1479 R1480 R1481 R1482 R1483 R1484 R1485 R1486 R1487 R1488 R1489 R1490 R1491 R1492 R1493 R1494 R1495 R1496 R1497 R1498 R1499 R1500 R1501 R1502 R1503 R1504 R1505 R1506 R1507 R1508 R1509 R1510 R1511 R1512 R1513 R1514 R1515 R1516 R1517 R1518 R1519 R1520 R1521 R1522 R1523 R1524 R1525 R1526 R1527 R1528 R1529 R1530 R1531 R1532 R1533 R1534 R1535 R1536 R1537 R1538 R1539 R1540 R1541 R1542 R1543 R1544 R1545 R1546 R1547 R1548 R1549 R1550 R1551 R1552 R1553 R1554 R1555 R1556 R1557 R1558 R1559 R1560 R1561 R1562 R1563 R1564 R1565 R1566 R1567 R1568 R1569 R1570 R1571 R1572 R1573 R1574 R1575 R1576 R1577 R1578 R1579 R1580 R1581 R1582 R1583 R1584 R1585 R1586 R1587 R1588 R1589 R1590 R1591 R1592 R1593 R1594 R1595 R1596 R1597 R1598 R1599 R1600 R1601 R1602 R1603 R1604 R1605 R1606 R1607 R1608 R1609 R1610 R1611 R1612 R1613 R1614 R1615 R1616 R1617 R1618 R1619 R1620 R1621 R1622 R1623 R1624 R1625 R1626 R1627 R1628 R1629 R1630 R1631 R1632 R1633 R1634 R1635 R1636 R1637 R1638 R1639 R1640 R1641 R1642 R1643 R1644 R1645 R1646 R1647 R1648 R1649 R1650 R1651 R1652 R1653 R1654 R1655 R1656 R1657 R1658 R1659 R1660 R1661 R1662 R1663 R1664 R1665 R1666 R1667 R1668 R1669 R1670 R1671 R1672 R1673 R1674 R1675 R1676 R1677 R1678 R1679 R1680 R1681 R1682 R1683 R1684 R1685 R1686 R1687 R1688 R1689 R1690 R1691 R1692 R1693 R1694 R1695 R1696 R1697 R1698 R1699 R1700 R1701 R1702 R1703 R1704 R1705 R1706 R1707 R1708 R1709 R1710 R1711 R1712 R1713 R1714 R1715 R1716 R1717 R1718 R1719 R1720 R1721 R1722 R1723 R1724 R1725 R1726 R1727 R1728 R1729 R1730 R1731 R1732 R1733 R1734 R1735 R1736 R1737 R1738 R1739 R1740 R1741 R1742 R1743 R1744 R1745 R1746 R1747 R1748 R1749 R1750 R1751 R1752 R1753 R1754 R1755 R1756 R1757 R1758 R1759 R1760 R1761 R1762 R1763 R1764 R1765 R1766 R1767 R1768 R1769 R1770 R1771 R1772 R1773 R1774 R1775 R1776 R1777 R1778 R1779 R1780 R1781 R1782 R1783 R1784 R1785 R1786 R1787 R1788 R1789 R1790 R1791 R1792 R1793 R1794 R1795 R1796 R1797 R1798 R1799 R1800 R1801 R1802 R1803 R1804 R1805 R1806 R1807 R1808 R1809 R1810 R1811 R1812 R1813 R1814 R1815 R1816 R1817 R1818 R1819 R1820 R1821 R1822 R1823 R1824 R1825 R1826 R1827 R1828 R1829 R1830 R1831 R1832 R1833 R1834 R1835 R1836 R1837 R1838 R1839 R1840 R1841 R1842 R1843 R1844 R1845 R1846 R1847 R1848 R1849 R1850 R1851 R1852 R1853 R1854 R1855 R1856 R1857 R1858 R1859 R1860 R1861 R1862 R1863 R1864 R1865 R1866 R1867 R1868 R1869 R1870 R1871 R1872 R1873 R1874 R1875 R1876 R1877 R1878 R1879 R1880 R1881 R1882 R1883 R1884 R1885 R1886 R1887 R1888 R1889 R1890 R1891 R1892 R1893 R1894 R1895 R1896 R1897 R1898 R1899 R1900 R1901 R1902 R1903 R1904 R1905 R1906 R1907 R1908 R1909 R1910 R1911 R1912 R1913 R1914 R1915 R1916 R1917 R1918 R1919 R1920 R1921 R1922 R1923 R1924 R1925 R1926 R1927 R1928 R1929 R1930 R1931 R1932 R1933 R1934 R1935 R1936 R1937 R1938 R1939 R1940 R1941 R1942 R1943 R1944 R1945 R1946 R1947 R1948 R1949 R1950 R1951 R1952 R1953 R1954 R1955 R1956 R1957 R1958 R1959 R1960 R1961 R1962 R1963 R1964 R1965 R1966 R1967 R1968 R1969 R1970 R1971 R1972 R1973 R1974 R1975 R1976 R1977 R1978 R1979 R1980 R1981 R1982 R1983 R1984 R1985 R1986 R1987 R1988 R1989 R1990 R1991 R1992 R1993 R1994 R1995 R1996 R1997 R1998 R1999 R2000 R2001 R2002 R2003 R2004 R2005 R2006 R2007 R2008 R2009 R2010 R2011 R2012 R2013 R2014 R2015 R2016 R2017 R2018 R2019 R2020 R2021 R2022 R2023 R2024 R2025 R2026 R2027 R2028 R2029 R2030 R2031 R2032 R2033 R2034 R2035 R2036 R2037 R2038 R2039 R2040 R2041 R2042 R2043 R2044 R2045 R2046 R2047 R2048 R2049 R2050 R2051 R2052 R2053 R2054 R2055 R2056 R2057 R2058 R2059 R2060 R2061 R2062 R2063 R2064 R2065 R2066 R2067 R2068 R2069 R2070 R2071 R2072 R2073 R2074 R2075 R2076 R2077 R2078 R2079 R2080 R2081 R2082 R2083 R20						

170	2	R020 R921	11000903084-P	47K 1%	RES 47K 1/6W 1% 0402	YAGEO AMERICA	RC0402FR-0747K
171	2	R023 R926	11001509016-R	10K	RES 10K 2/3W 5% 1206	PANASONIC	ERJ-PB0103V
172	9	RA1 RA2 RA3 RA4 RA5 RA11 RA12 RA13 RA14	11000903021-R	22K	RES ARRAY 22K 310W 5% 0402	PANASONIC-ECG	EXB-28V-220V
173	3	RA6 RA7 RA10	11000903002-R	10K	RES ARRAY 0E 31W 0402	PANASONIC-ECG	EXB-NV9000X
174	2	RA8 RA9	11000903004-R	10K	RES ARRAY 0E 0402	PANASONIC-ECG	EXB-2HV900V
175	1	RA16	11000903016-R	1K	RES ARRAY 1K 31W 5% 0402	PANASONIC-ECG	EXB-28V-102X
176	1	SW1	11000903011-R	50AASSPMP2QE	SWITCH SLIDE SPST TH	SWITCH	50AASSPMP2QE
177	8	SW2 SW3 SW4 SW5 SW6 SW7 SW8 SW9 SW10	13001406003-R	B.SSL-1022P	TACTILE SWITCH SPST-SMD	OMRON	B.SSL-1022P
178	1	SW3	13001111008-R	GDB04S04	SWITCH DIP SLIDE SMD	TE CONNECTIVITY	GDB04S04
183	8	SW11 SW12 SW13 SW14 SW15	13001409014-R	SDA01H1SBD	SWITCH DIP SPST LOW PROFILE SMD	C&K COMPONENTS	SDA01H1SBD
180	1	U1	11401048-11	66AKZ007	IC ARM CORTX5 AND SPST 32 BIT MICROPROCESSOR BGA625	TEXAS INSTRUMENTS	66AKZ007
181	1	U2	14201012003-R	TPS580633DBVR	IC VOLT SUPERVISOR 3.3V SOT23-6	TEXAS INSTRUMENTS	TPS580633DBVR
182	3	U3 U73 U109	114011E-11	TPP4S012RYR	IC 2CH ESD SOLUTION S086	TEXAS INSTRUMENTS	TPP4S012RYR
183	8	U4 U47 U48 U80 U84 U86 U101 U144	14100907007-R	SN74LVC1604DCKR	IC SINGLE INVERTER GATE SC70-5	TEXAS INSTRUMENTS	SN74LVC1604DCKR
184	9	U5 U56 U58 U71 U80 U91 U97 U106 U127	1410090025-R	SN74LVC1604DCKR	IC SINGLE 2-INPUT POSITIVE AND GATE SOT23-5	TEXAS INSTRUMENTS	SN74LVC1604DCKR
185	1	U6	14201410007-R	TPS65006R1ET	IC STEP-DOWN CONVERTER WITH DUAL LDO AND SVS WQFN16	TEXAS INSTRUMENTS	TPS65006R1ET
186	1	U7	14201411002-R	LM2375MR-ADJ/NOPB	IC 1A BUCK VOLTAGE REGULATOR SOIC8	TEXAS INSTRUMENTS	LM2375MR-ADJ/NOPB
187	1	U8	1420090012-R	TPS79601DBR	SWITCH DIP SPST LOW PROFILE SMD	TEXAS INSTRUMENTS	TPS79601DBR
188	1	U9	14101502002-R	MT48LC16M16A2B4-GAJ	IC SYNCHRONOUS DRAM FBG64	MICRON	MT48LC16M16A2B4-GAJ
189	1	U10	14201502003-R	LP3981M5-3.0/NOPB	IC MICROPOWER LOW NOISE LDO CMOS VOLTAGE REGULATORS 3V SOT23-5	TEXAS INSTRUMENTS	LP3981M5-3.0/NOPB
190	1	U11	14111410004-R	HSZC010-1NLE	IC FLASH 1MBIT 10MHZ SOIC8	ISSI	HSZC010-1NLE
191	1	U12	142011E-11	XC2564AS-VQ4C	IC COOK RUNNER IC CPD LTPQ94	XLINX	XC2564AS-VQ4C
192	1	U13	14101050010-R	MAX3221CPWR	IC LINE DRIVER RECEIVER SINGLE CHANNEL RS-232 TSSOP16	TEXAS INSTRUMENTS	MAX3221CPWR
193	3	U14 U16 U195	14101312007-R	TCA9517DGRK	IC 2-CHANNEL L2C BUS REPEATER VSSOP8	TEXAS INSTRUMENTS	TCA9517DGRK
194	1	U17	14121410001-R	AM1802BZWD13	IC PROCESSOR SITARA ARM 300MHZ BGA361	TEXAS INSTRUMENTS	AM1802BZWD13
195	1	U18	14201E-11	TPS5620R0CY	IC BUCK SYNCHRONOUS STEP-DOWN SWITCH CONVERTER QFN14	TEXAS INSTRUMENTS	TPS5620R0CY
196	1	U20	14121409006-R	TM4C129XNCZAD3	IC TIVA C SERIES MICROCONTROLLER NFBGA212	TEXAS INSTRUMENTS	TM4C129XNCZAD3
197	1	U21	13001103004-R	32768KHZ	OSC 32.768KHZ 3.3V SMD	ABRACON	ASEK-32.768KHZ-LRT
198	1	U22	14201407002-R	CS28733Q3D	IC SYNCHRONOUS BUCK NEXT-STEP POWER BLOCK S088	TEXAS INSTRUMENTS	CS28733Q3D
199	3	U23 U133 U136	1410100201-R	SN74LVC161DCKR	IC SINGLE 3-INPUT POSITIVE AND GATE SC70-6	TEXAS INSTRUMENTS	SN74LVC161DCKR
200	1	U24 U133 U135 U41 U115 U132	14301040001-R	SNT74AVCST24SRHL	IC BUS TRANSCEIVER 8-BIT DUAL-SUPPLY QFN24	TEXAS INSTRUMENTS	SNT74AVCST24SRHL
201	6	U25	14201411008-R	LP2996AMR/NOPB	IC DDR TERMINATION RESISTOR PSOP8	TEXAS INSTRUMENTS	LP2996AMR/NOPB
202	5	U27 U30 U45 U49 U55	14111410002-P	MT141K12M8RH-125E	IC 32MB DDR SDRAM FBG478	MICRON	MT141K12M8RH-125E
203	1	U29	14111410001-R	EMC106G510	IC NAND FLASH EM64-16GB FBGA153	KINGSTON	EMC106G510
204	8	U30 U31 U64 U69 U125 U136 U128 U136	14100903011-R	SNT74AVC4T245PW	IC 8-BIT DUAL SUPPLY BUS TRANSCEIVER TSSOP16	TEXAS INSTRUMENTS	SNT74AVC4T245PW
205	1	U32	110009118	TPS69118	IC POWER MANAGEMENT BGA98	TEXAS INSTRUMENTS	TPS69118
206	8	U34 U39 U122 U135 U137	14101090019-R	SNT74AVC1T45DBVR	IC SINGLE-BIT DUAL-SUPPLY BUS TRANSCEIVER SOT23-6	TEXAS INSTRUMENTS	SNT74AVC1T45DBVR
207	5	U35 U133 U134	14011410002-R	TS3L110PWG4	IC 80-MSPD SWITCH 84-CANAL MULTIPLEXER DEMULTIPLEXER TSSOP16	TEXAS INSTRUMENTS	TS3L110PWG4
208	1	U38	14111409006-R	AT34CM01	IC SERIAL EEPROM TSSOP8	ATMEL	AT34CM01-XHD-T
209	1	U40	14111412003-R	N25Q128A13ESF40F	IC 128MB NOR FLASH MEMORY SOP8-16	MICRON	N25Q128A13ESF40F
210	5	U42 U43 U44 U46 U48	14101080019-R	INA226ADISR	IC BI-DIRECTIONAL CURRENT MONITOR MSOP10	TEXAS INSTRUMENTS	INA226ADISR
211	1	U50	14201411007-R	TLV7708SDQNT	IC LDO LINEAR REGULATOR 200mA 2V SMD	TEXAS INSTRUMENTS	TLV7708SDQNT
212	1	U51	14101380010-R	TCA9555RTWR	IC I/O EXPANDER I2C BUS 16-BIT WQFN24	TEXAS INSTRUMENTS	TCA9555RTWR
213	1	U53	1142099E-11	TPS6101DRCT	IC STEP-UP 1.3A DC/DC CONVERTER SON10	TEXAS INSTRUMENTS	TPS6101DRCT
214	2	U54 U57	14201406011-R	TPS2251BD	IC POWER DISTRIBUTION SWITCH SOIC8	TEXAS INSTRUMENTS	TPS2251BD
215	1	U56	14011409001-R	CS2300CP-CZZ	IC FRACTIONAL-N CLOCK SYNTHESIZER MSOP10	TEXAS INSTRUMENTS	CS2300CP-CZZ
216	1	U60	13001410017-R	20.000MHZ	OSC 20.000MHZ SMD	RAKON	E6718L-F
217	1	U62	14101401002-R	CDCM620B2RQZT	IC CLOCK GENERATOR VQFN48	TEXAS INSTRUMENTS	CDCM620B2RQZT
218	7	U64 U76 U124 U129 U130 U146 U147	14300902061-R	SNT74AVC124SRWR	IC 2-DUAL-BIT DUAL-SUPPLY BUS TRANSCEIVER QFN10	TEXAS INSTRUMENTS	SNT74AVC124SRWR
219	1	U67	14300903062-R	SNT74AVCB164245VR	IC 16-BIT DUAL-SUPPLY BUS TRANSCEIVER TVSO8AS	TEXAS INSTRUMENTS	SNT74AVCB164245VR
220	1	U72	14111409005-R	S25FL512SAGMFD01	IC 512MBIT EEPROM SOIC16	SPANSION	S25FL512SAGMFD01
221	1	U74	14101507007-R	CP2105-F01-GM	IC SINGLE CHIP USB TO DUAL UART BRIDGE QFN24	SILICON LABS	CP2105-F01-GM
222	1	U75	13001411012-R	12.288MHZ	OSC 12.288MHZ SMD	CTS	CR18-VK-12M2880
223	1	U78	14201502006-R	REF5025AIDGKT	IC PRECISION VOLTAGE REFERENCE 2.5V MSOP8	TEXAS INSTRUMENTS	REF5025AIDGKT
224	1	U79	14101410007-R	DAC8350IBDGKT	IC DAC 16-BIT ULTRA-LOW GLITCH OUTPUT VOLTAGE VSSOP8	TEXAS INSTRUMENTS	DAC8350IBDGKT
225	2	U81 U82	14101406009-R	SNT74LVC3224ZKER	IC 32-BIT BUFFER DRIVER WITH 3-STATE OUTPUTS LFBGA96	TEXAS INSTRUMENTS	SNT74LVC3224ZKER
226	1	U87	14111411001-R	MT29F512G06A0AWP-P	IC FLASH MEMORY 2-GBIT 168BIT 3.3V TSO94B	MICRON	MT29F512G06A0AWP-P
227	3	U88 U131 U140	14101406002-R	SNT74LVC1G07DCK	IC SINGLE BUFFER DRIVER SC-70	TEXAS INSTRUMENTS	SNT74LVC1G07DCK
228	2	U90 U94	14101410018-R	TPP4E0106-Q1	IC 4-CANAL PROTECTION SOLUTION FOR SUPER-SPEED US0N10	TEXAS INSTRUMENTS	TPP4E0106-Q1
229	1	U92	14301406002-R	KS9018KXCA	IC ETHERNET TRANSCEIVER 10/100Mbps QFN48	MICREL	KS29018KXCA
230	1	U93	14121407001-R	MAX3232ECD	IC MULTICHANNEL RS-232 LINE DRIVER RECEIVER SOIC16	TEXAS INSTRUMENTS	MAX3232ECD
231	1	U96	14301060003-R	TLV320AIC3106RGZT	IC LOW-POWER STEREO AUDIO CODEC VQFN48	TEXAS INSTRUMENTS	TLV320AIC3106RGZT
232	2	U98 U100	14101010003-R	ISO1090DUB	IC ISOLATED CAN TRANSCEIVER SO8	TEXAS INSTRUMENTS	ISO1090DUB
233	1	U102	14101E-11	S09022ACNU	IC HDMI TRANSMITTER QFN22	SILICON IMAGE	S09022ACNU
234	1	U103	14301406014-R	TPS7171DCKR	IC LINEAR REGULATOR LDO 50mA SC70-5	TEXAS INSTRUMENTS	TPS7171DCKR
235	2	U104 U105	14011407002-R	PSM712	IC TVS ARRAY DATA LINE 600V 41V SOT23	PROYEK	PSM712
236	1	U107	14011090007-R	TPP23001DRLR	IC ESD PROTECTION ARRAY FOR HIGH SPEED DATA INTERFACES SOT-5	TEXAS INSTRUMENTS	TPP23001DRLR
237	1	U108	141011E-11	TPD128010PWR	IC HDMI COMPANION CHIP TSSOP24	TEXAS INSTRUMENTS	TPD128010PWR
238	1	U111	141011E-11	TPD8E01RSE	IC 6CH ESD-PROTECTION ARRAY QFN10	TEXAS INSTRUMENTS	TPD8E01RSE
239	1	U112	14100907003-R	TMPI02ADR1L	IC DIGITAL TEMPERATURE SENSOR WITH SERIAL INTERFACE SOT563-6	TEXAS INSTRUMENTS	TMPI02ADR1L
240	2	U116 U141	14201412016-R	TPS5429ERSAR	IC SYNCHRONOUS STEP-DOWN SWITCH 4.5A QFN16	TEXAS INSTRUMENTS	TPS5429ERSAR
241	2	U118 U119	14201406002-R	RIZ-3305-HP	IC RIZ DC/DC CONVERTER SMD6	RECOM	RIZ-3305-HP
242	1	U125	14201020003-R	TPS22907Y2TR	IC LOW INPUT VOLTAGE LOAD SWITCH WITH ULTRA-LOW Ron DSBGA4	TEXAS INSTRUMENTS	TPS22907Y2TR
243	1	U139	14101504002-R	SNT74CBT1G125DBVR	IC SWITCH BUS FET HIGH SPEED WITH LEVEL SHIFTER SOT23-5	TEXAS INSTRUMENTS	SNT74CBT1G125DBVR
244	1	U142	14101110005-R	TXS0108EPWR	IC TRANSISTOR BIDIRECTIONAL VOLTAGE-LEVEL SHIFTER TSSOP20	TEXAS INSTRUMENTS	TXS0108EPWR
245	1	U149	14201510007-R	LM9060MM	IC CONTROLLER HIGH-SIDE PROTECTION VSSOP10	TEXAS INSTRUMENTS	LM9060MM/NOPB
246	2	Y1 Y4	13000903095-P	32.768KHZ	CRY 32.768KHZ SMD	CRYSTAL UNITS	FC-135-32.7680KA-A3
247	2	Y2 Y6	130011110059-R	24MHZ	CRY 24MHZ 18P SMD	ABRACON	ABM9G-24.000MHZ-18-P2D-T
248	1	Y3	13001411014-R	25.000MHZ	CRY 25.000MHZ 8P SMD	KYOCERA	CK1253B1250000PFCC
249	1	Y5	13001407003-R	25.792MHZ	CRY 25.792MHZ 18P SMD	KYOCERA	CK1253B1257900PFCC
250	1	Y7	13001410010-R	12.288MHZ	CRY 12.288MHZ SMD	CTS	CTS1225M-1
251	1	Y8	13001412021-R	24.000MHZ	CRY 24MHZ SMD	NDK	NX3225SA-24.000MHZ-STD-C8R-1
252	1	Y9	13001407029-R	25MHZ	CRY 25MHZ SMD	CTS	44C-25D35M0000
253	12				Screw #4-40 5mm long zinc-philips	BF Fastener	PMS 440 0025 PH
254	12				Screw #4-40 1/4in long zinc-philips	BF Fastener	PMS 440 0025 PH
255	12				Standoff alum female/female 4-40 1inch long	Keystone	3482
256	4				M3 X 25mm Screw	Keystone	720
257	4				M3 nut	Keystone	5002
258	12				Rubber Feet #4 screw hole size	Keystone	720
259	8	TP92 TP129 TP302 TP104 TP51 TP301 TP90 TP53			SHUNT POINT PC MINI_GA07 WHITE	Keystone	5002
260	4	J46 J10 J15 J45			SHUNT JUMPER Pitch 2.54mm		

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