

Mistral Solutions (P) Ltd.	Project name	CGS EVM
#60 Adarsh nagari, 100 Feet Ring Road, Domtur Extension	Document name	LES TI K3G5VM ASSEMBLY BOM REV0
Bangalore 560 071, Ph. +91-80-30912600, Fax: +91-80-26205644	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 C531 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 C795 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	10000uF 50V	CAP CERAMIC 10000uF 50V 10% X7R 0402	YAGEO	CCM02RX7R09BB103
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 C15 C16 C19 C20 C118 C129 C130 C167 C452 C726 C734 C740 C804	120011100014-R	0.1uF	CAP CERAMIC 0.1uF 50V 10% X7R 0402	TDK CORPORATION	C1005X7R1H104K
8	47	C15 C19 C31 C34 C57 C59 C66 C73 C80 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 C992 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	120009030526-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	120009030322-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-08BC100K
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 C17 C172 C177 C189 C204 C205 C124 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-4C1E183K
24	1	C47	120009030502-R	8200uF	CAP CERAMIC 8200uF 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 C263	120011010015-R	0.01uF	CAP CERAMIC 0.01uF 10V 10% X5R 0001	TDK CORPORATION	0402A18J1A103K
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	1206ZD475KAT2A
31	70	C110 C112 C114 C121 C124 C125 C126 C137 C138 C141 C149 C190 C191 C192 C155 C161 C164 C178 C179 C183 C187 C224 C225 C229 C230 C231 C357 C388 C366 C360 C440 C446 C455 C464 C466 C471 C472 C476 C484 C487 C493 C500 C504 C510 C521 C534 C537 C540 C544 C561 C565 C578 C595 C596 C599 C599 C600 C609 C610 C713 C714 C715 C716 C717 C718 C719 C721 C722 C724 C725 C739	1.20009E+11	0.1uF	CAP CERAMIC 0.1uF 25V -20% T0 -80V Y50 0402	MURATA	GRM155F5E104Z0A10D
32	5	C135 C237 C242 C343 C344	120011060001-R	47uF	CAP CERAMIC 47uF 16V 20% X5R 1206	TDK CORPORATION	C2103XSR1C470M
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 C215 C218 C221 C226 C228 C237 C242 C243 C244 C246 C247 C248 C282 C283 C289 C260 C261 C263 C285 C257 C535 C536 C538 C539 C549 C551 C553 C556 C557 C558 C560 C562 C564 C566 C567 C572 C573 C574 C575 C576 C577 C586 C587 C588 C590 C591 C592 C593 C594 C597 C611 C613 C614 C615 C616 C617 C618 C619 C620 C621 C623 C624 C628 C625 C627 C628 C631 C760	1.20009E+11	0.1uF	CAP CERAMIC 0.1uF 10V 10% X5R 0201	TAIYO YUDEN	1MK063B1040P-F
36	2	C207 C251	1.20015E+11	1uF	CAP CERAMIC 1uF 25V 20% X7R 0304	MURATA	1L1153C70B05ME1
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	1	C262 C269	120009030166-R	100uF	CAP CERAMIC 100uF 16V 10% X7R 0603	AVX CORPORATION	0603Y101KA72A
40	2	C271 C278	120014110006-R	50uF	CAP CERAMIC 50uF 50V 5% NP0 0402	YAGEO AMERICA	CY800JNP09B5030
41	2	C282 C295	120009030215-R	12uF	CAP CERAMIC 12uF 50V 5% NP0 0402	AVX CORPORATION	0402A120J2TA
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	GRM155C1H102J0A1D
45	1	C451	1.20009E+11	330uF	CAP CERAMIC 330uF 50V 5% NP0 0402	MURATA	GRM155C1H131J0A1D
46	2	C742 C811	120011100005-R	3300uF	CAP CERAMIC 3300uF 50V 5% X7R 0805	MURATA	GRM216R71H33J0A1D
47	1	C745	12001500302-R	3.3uF	CAP CERAMIC 3.3uF 6.3V 20% X5R 0402	TDK CORPORATION	C1005XSR0335M000C
48	1	C796	120009030126-R	4.7uF	CAP CERAMIC 4.7uF 6.3V 10% X5R 0603	KEMET	C0603475SR40TUU
49	1	C797	120015002003-R	0.33uF	CAP CERAMIC 0.33uF 6.3V 20% JB 0201	TDK CORPORATION	C0603033M033A030BC
50	2	C824 C826	120013030001-R	0.1uF	CAP CERAMIC 0.1uF 10V 10% X7R 0603	YAGEO AMERICA	CY8063R8X7R06B104
51	1	C825	120011120008-R	22uF 100V	CAP ELECTROLYTIC 22uF 100V 20% GCASE 101010	PANASONIC ECU	EEE-FA2A220P
52	1	C826	12001100024-R	1000uF 50V	DIODE LOW VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATORS SOT23-5	TEXAS INSTRUMENTS	SLV3134F
53	1	D3	130010120033-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	B240A-13-F	DIODE SCHOTTKY RECTIFIER 40V 2A SMD	DIODES INC	B240A-13-F
56	8	D6 D7 D8 D9 D10 D11 D12 D13	130014110022-R	TPD1E1080DPY	DIODE ICHESD 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	SLV3134F
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	0.047uF	PASSIVE FILTER EMI 0.047uF 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	130014060010-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	SWITCHRAFT	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	15001109001-R	CON_10X2	CON 10X2 1.27MM PITCH MALE SMD	SAMTEC	FTR-110-51-S-D-06	
79	9	J9 J11 J15 J16 J17 J44 J45 J46 J48	15001020004-R	HDR_3X1	CON HDR 3X1 2.54MM PITCH ST TH	TYCO ELECTRONICS	87224-3	
80	15	J10 J11 J14 J15 J16 J17 J27 J28 J29 J30 J39 J40 J41 J42 J43 J45	15000903246-R	HDR_2X1	CON HDR 2X1 2.54MM PITCH ST TH	MOLEX	22-02-2021	
81	1	J11	15001500101-R	HDR_2X25	CON HDR 2X25 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	15001410099-R	CON_FLEX_1X6	CON FPC 1X6 1MM PITCH RT SMD	WURTH ELECTRONICS INC	6861061422	
85	1	J25	15001410011-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	15001405028-R	CON_ALDIBOACK_SI-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	87583-2010FL	
91	1	J36	1.5001E-11	CON_HDMI_19X1	CON RECEPTACLE HDMI TYPE A RT SMD	FCI	1002949-001RFL	
92	1	J37	15001108017-R	CON_SDCARD_8	CON SD CARD PUSH-PIUSH 4PXS SMD	HIROSE ELECTRIC EUROPE	DM3AT-8P-FPEM5	
93	1	J38	150010120015-R	CON_USB-AR_5_M	CON RECEPTACLE USB 3PXS MALE RT SMD	HBS	ZG65-AB-SPA(11)	
94	1	J41	15001410003-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	1-UM3HPN3R2M30	
97	1	L3	13001060031-R	3.3uH	IND COIL 3.3uH 16A 20% SMD	SUSUMI	PCMB104T-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	VLCS020T-2R2N2R6-3	
100	1	L8	13001105012-R	4.7uH	IND POWER 4.7uH 1.7A 30% SMD	TDR CORPORATION	VLCS020T-4R7N1R1-1	
101	2	L9 L10	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	L13 L14 L15 L16 L18	13001405006-R	598-8140-107F	LED ALINGAP YELLOW CLEAR 0805 SMD	DIALIGHT	598-8140-107F	
104	6	L19 L21 L22 L23 L24 L25 L26	13001405005-R	598-8110-107F	LED ALINGAP GREEN CLEAR 0805 SMD	DIALIGHT	598-8110-107F	
105	2	L11 L13	13001405008-R	598-8191-107F	LED ALINGAP BLUE CLEAR 0805 SMD	DIALIGHT	598-8191-107F	
106	2	L14 L15	13001405009-R	598-8110-107F	LED ALINGAP RED CLEAR 0805 SMD	DIALIGHT	598-8110-107F	
107	1	M0D1	18001410032-R	NHD-C12832AZ-NSW-BBW-3V3	MODULE LCD CGX CHAR 128X32 WHITE BACKLIGHT WITH TRANSPARENT TH	NEWHAVEN	NHD-C12832AZ-NSW-BBW-3V3	
108	3	P1 P2 P3	15000903696-R	CON_DSUB_9_M	CON DSUB 9PXS MALE RT TH	NORCOMP	182-009-113R511	
109	10	OK-07 OK-09 OK-10 Q11 Q12 Q13 Q14 Q15 Q19	BSS118	14200907019-R	IC MOSFET N-CHANNEL 50V 200mA SOT23-3	DIODES INC	BSS118-7	
110	1	Q13	14201406010-R	FDT434P	IC MOSFET P-CHANNEL 20V 6A SOT-23	FAIRCHILD	FDT434P	
111	1	Q20	14201510008-R	SUM60N10-17-E3	IC POWER MOSFET N-CHANNEL DPAK	VISHAY	SUM60N10-17-E3	
112	36	R2 R4 R12 R13 R14 R15 R37 R39 R40 R41 R42 R43 R44 R45 R51 R53 R55 R57 R59 R61 R62 R63 R64 R65 R66 R67 R68 R69 R70 R71 R72 R73 R74 R75 R76 R77 R78 R79 R80 R81 R82 R83 R84 R85 R86 R87 R88 R89 R90 R91 R92 R93 R94 R95 R96 R97 R98 R99 R100 R101 R102 R103 R104 R105 R106 R107 R108 R109 R110 R111 R112 R113 R114 R115 R116 R117 R118 R119 R120 R121 R122 R123 R124 R125 R126 R127 R128 R129 R130 R131 R132 R133 R134 R135 R136 R137 R138 R139 R140 R141 R142 R143 R144 R145 R146 R147 R148 R149 R150 R151 R152 R153 R154 R155 R156 R157 R158 R159 R160 R161 R162 R163 R164 R165 R166 R167 R168 R169 R170 R171 R172 R173 R174 R175 R176 R177 R178 R179 R180 R181 R182 R183 R184 R185 R186 R187 R188 R189 R190 R191 R192 R193 R194 R195 R196 R197 R198 R199 R200 R201 R202 R203 R204 R205 R206 R207 R208 R209 R210 R211 R212 R213 R214 R215 R216 R217 R218 R219 R220 R221 R222 R223 R224 R225 R226 R227 R228 R229 R230 R231 R232 R233 R234 R235 R236 R237 R238 R239 R240 R241 R242 R243 R244 R245 R246 R247 R248 R249 R250 R251 R252 R253 R254 R255 R256 R257 R258 R259 R260 R261 R262 R263 R264 R265 R266 R267 R268 R269 R270 R271 R272 R273 R274 R275 R276 R277 R278 R279 R280 R281 R282 R283 R284 R285 R286 R287 R288 R289 R290 R291 R292 R293 R294 R295 R296 R297 R298 R299 R300 R301 R302 R303 R304 R305 R306 R307 R308 R309 R310 R311 R312 R313 R314 R315 R316 R317 R318 R319 R320 R321 R322 R323 R324 R325 R326 R327 R328 R329 R330 R331 R332 R333 R334 R335 R336 R337 R338 R339 R340 R341 R342 R343 R344 R345 R346 R347 R348 R349 R350 R351 R352 R353 R354 R355 R356 R357 R358 R359 R360 R361 R362 R363 R364 R365 R366 R367 R368 R369 R370 R371 R372 R373 R374 R375 R376 R377 R378 R379 R380 R381 R382 R383 R384 R385 R386 R387 R388 R389 R390 R391 R392 R393 R394 R395 R396 R397 R398 R399 R400 R401 R402 R403 R404 R405 R406 R407 R408 R409 R410 R411 R412 R413 R414 R415 R416 R417 R418 R419 R420 R421 R422 R423 R424 R425 R426 R427 R428 R429 R430 R431 R432 R433 R434 R435 R436 R437 R438 R439 R440 R441 R442 R443 R444 R445 R446 R447 R448 R449 R450 R451 R452 R453 R454 R455 R456 R457 R458 R459 R460 R461 R462 R463 R464 R465 R466 R467 R468 R469 R470 R471 R472 R473 R474 R475 R476 R477 R478 R479 R480 R481 R482 R483 R484 R485 R486 R487 R488 R489 R490 R491 R492 R493 R494 R495 R496 R497 R498 R499 R500 R501 R502 R503 R504 R505 R506 R507 R508 R509 R510 R511 R512 R513 R514 R515 R516 R517 R518 R519 R520 R521 R522 R523 R524 R525 R526 R527 R528 R529 R530 R531 R532 R533 R534 R535 R536 R537 R538 R539 R540 R541 R542 R543 R544 R545 R546 R547 R548 R549 R550 R551 R552 R553 R554 R555 R556 R557 R558 R559 R560 R561 R562 R563 R564 R565 R566 R567 R568 R569 R570 R571 R572 R573 R574 R575 R576 R577 R578 R579 R580 R581 R582 R583 R584 R585 R586 R587 R588 R589 R590 R591 R592 R593 R594 R595 R596 R597 R598 R599 R600 R601 R602 R603 R604 R605 R606 R607 R608 R609 R610 R611 R612 R613 R614 R615 R616 R617 R618 R619 R620 R621 R622 R623 R624 R625 R626 R627 R628 R629 R630 R631 R632 R633 R634 R635 R636 R637 R638 R639 R640 R641 R642 R643 R644 R645 R646 R647 R648 R649 R650 R651 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R852 R853 R854 R855 R856 R857 R858 R859 R860 R861 R862 R863 R864 R865 R866 R867 R868 R869 R870 R871 R872 R873 R874 R875 R876 R877 R878 R879 R880 R881 R882 R883 R884 R885 R886 R887 R888 R889 R890 R891 R892 R893 R894 R895 R896 R897 R898 R899 R900 R901 R902 R903 R904 R905 R906 R907 R908 R909 R910 R911 R912 R913 R914 R915 R916 R917 R918 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 R1						

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-PB103Y
172	9	RA1 RA2 RA3 RA4 RA5 RA11 RA12 RA13 RA14	11000903021-R	22K	RES ARRAY 22K 310W 5% 0402	PANASONIC-ECG	EXB-28V220Y
173	3	RA6 RA7 RA10	11000903002-R	10K	RES ARRAY 0E 31W 0402	PANASONIC-ECG	EXB-NV900X
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-28V102X
176	1	SW1	11000903011-R	50A5SSPMP2QE	SWITCH SLIDE SPST TH	SWITCH	50A5SSPMP2QE
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	GDB48504	SWITCH DIP SLIDE SMD	TE CONNECTIVITY	GDB48504
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	TPP45012RYR	IC 2CH ESD SOLUTION S086	TEXAS INSTRUMENTS	TPP45012RYR
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 S08C8	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	LP3981M5-3.0NOPB	IC MICROPOWER LOW NOISE LDO CMOS VOLTAGE REGULATORS 3V SOT23-5	TEXAS INSTRUMENTS	LP3981M5-3.0NOPB
190	1	U11	14111410004-R	HSZC010-1NLE	IC FLASH IMBHT 10MBIT S08C8	ISSI	HSZC010-1NLE
191	1	U12	142011E-11	XC2S40AS-VQ4C	IC COOK RUNNER ICPD LQFP94	XILINX	XC2S40AS-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	AB32K-32.768KHZ-LRT
198	1	U22	14201407002-R	CS28733Q3D	IC SYNCHRONOUS BUCK NEXT-STEP POWER BLOCK S08S	TEXAS INSTRUMENTS	CS28733Q3D
199	3	U23 U133 U136	14100902120-R	SN74LVC1610DCKR	IC SINGLE 2-INPUT POSITIVE AND GATE SC70-6	TEXAS INSTRUMENTS	SN74LVC1610DCKR
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 REGULATOR 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	EMC1016G510	IC NAND FLASH EM16-16GB FBGA153	KINGSTON	EMC1016G510
204	8	U30 U31 U64 U69 U125 U136 U128 U136	14100903011-R	SNT74AVC4T345PW	IC 4-BIT DUAL SUPPLY BUS TRANSCEIVER TSSOP16	TEXAS INSTRUMENTS	SNT74AVC4T345PW
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 S08C8	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	SNT74AVC224SRWR	IC DUAL-BIT DUAL-SUPPLY BUS TRANSCEIVER QFN10	TEXAS INSTRUMENTS	SNT74AVC224SRWR
219	1	U67	14300903062-R	SNT74AVCB164245VR	IC 16-BIT DUAL-SUPPLY BUS TRANSCEIVER TVSOP48	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	13001410012-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	14111410001-R	MT29F512G0BARAWP-P	IC FLASH MEMORY 2-GBIT 168BIT 3.3V TSO846	MICRON	MT29F512G0BARAWP-P
227	3	U88 U131 U140	14101406002-R	SNT74LVC1G07DCK	IC SINGLE BUFFER DRIVER SC-70	TEXAS INSTRUMENTS	SNT74LVC1G07DCK
228	2	U90 U94	14101410018-R	TPP450106-Q1	IC 4-CANAL PROTECTION SOLUTION FOR SUPER-SPEED US0N10	TEXAS INSTRUMENTS	TPP450106-Q1
229	1	U92	14301406002-R	KS9001RNSCA	IC ETHERNET TRANSCEIVER 10/100Mbps QFN48	MICREL	KS2901RNSCA
230	1	U93	14121407001-R	MAX3232ECD	IC MULTICHANNEL RS-232 LINE DRIVER RECEIVER S08C16	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 S08P8	TEXAS INSTRUMENTS	ISO1090DUB
233	1	U102	14101E-11	S09022ACNU	IC HDMI TRANSMITTER QFN27	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	14011E-11	TPD125010PWR	IC HDMI COMPANION CHIP TSSOP24	TEXAS INSTRUMENTS	TPD125010PWR
238	1	U111	14011E-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	TPS2290Y2TR	IC LOW INPUT VOLTAGE LOAD SWITCH WITH ULTRA-LOW Ron DSBGA4	TEXAS INSTRUMENTS	TPS2290Y2TR
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 BI-DIRECTIONAL VOLTAGE-LEVEL SHIFTER TSSOP20	TEXAS INSTRUMENTS	TXS0108EPWR
245	1	U149	14201510007-R	LM4960MM	IC CONTROLLER HIGH-SIDE PROTECTION VSSOP10	TEXAS INSTRUMENTS	LM4960MM/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	ABR24-24.000MHZ-18-PD2Y-T
248	1	Y7	13001411014-R	25.000MHZ	CRY 25.000MHZ 8PF SMD	KYOCERA	CK3225B0250000PFCC
249	1	Y8	13001407003-R	25.792MHZ	CRY 25.792MHZ 18P SMD	KYOCERA	CK3225B0257900PFCC
250	1	Y9	13001410010-R	12.288MHZ	CRY 12.288MHZ SMD	CTS	CTS1225M-1
251	1	Y8	13001412002-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 Pwh 2.54mm		

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