

MS_TI_CRANE_BOM_REVB



Mistral Solutions [P] Ltd. #60 Adarsh regent,100 Feet Ring Road, Domlur Extension Bangalore 560 071, Ph : +91-80-30912600, Fax :+91-80-25356444	Project name	CraneBoard
	Document name	MS_TI_CRANE_BOM_REVB
	Date	9/12/2010
	BOM Version	1.01
	Schematic Version	1
	Board Revision	Rev B

Item Number	Quantity	Part Reference	Mistral Part No	Value
1	1	B1	1.30009E+11	ML614S-F9F
2	38	C1,C2,C3,C5,C10,C11,C12,C13,C14,C15,C20,C26,C33,C34,C63,C65,C70,C71,C81,C87,C88,C90,C91,C93,C94,C113,C127,C148,C149,C153,C155,C159,C164,C166,C167,C171,C173,C175	120009030089-R	0.1uF
3	12	C4,C7,C19,C25,C29,C30,C38,C40,C45,C46,C47,C48	1.20009E+11	20pF
4	2	C6,C52	120009030030-R	0.01uF
5	17	C8,C9,C18,C24,C28,C31,C35,C36,C39,C49,C64,C80,C85,C86,C92,C152,C156	120010060008-R	10UF
6	10	C21,C22,C23,C41,C43,C151,C157,C160,C163,C170	120009030281-R	2.2uF
7	2	C17,C32	120010060009-R	120uF_10V
8	5	C27,C50,C89,C154,C179	120009030266-R	1uF
9	8	C37,C158,C161,C162,C165,C168,C169,C178	1.2001E+11	4.7uF

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10	1	C42	120009030397-R	33pF
11	2	C44,C172	120010050001-R	2200pF
12	1	C51	120009030153-R	1000pF
13	1	C53	120010060001-R	47uF_63V
14	2	C54,C58	120009030061-R	0.1uF
15	2	C55,C174	1.2001E+11	1.0uF
16	2	C56,C61	120010060011-R	330uF_10V
17	1	C57	120010060010-R	68000pF
18	2	C59,C176	1.20009E+11	47uF
19	2	C60,C97	1.20009E+11	0.22uF

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20	66	C62,C66,C67,C68,C69,C72,C73 ,C74,C75,C76,C77,C78,C79,C8 2,C83,C84,C95,C96,C98,C99,C 100,C101,C102,C103,C104,C1 05,C106,C107,C108,C109,C11 0,C111,C112,C114,C115,C116, C117,C118,C119,C120,C121,C 122,C123,C124,C125,C128,C1 29,C130,C131,C132,C133,C13 4,C135,C136,C137,C138,C139, C140,C141,C142,C143,C144,C 145,C146,C147,C150	1.20009E+11	0.1uF
21	1	C177	120010050002- R	2.2uF
22	2	D1,D10	1.3001E+11	BAS16LT3G
23	2	D2,D4	1.3001E+11	HD01-T
24	1	D3	130010050008- R	SMAJ58A
25	1	D5	1.3001E+11	ES1D
26	1	D6	1.42009E+11	TLV431AQDBV R
27	1	D7	130010060042- R	SMCJ5.0CA
28	2	D8,D9	1.30009E+11	BZX84C18-7-F
29	1	F1	130010060026- R	0.1A
30	7	F2,F3,F4,F5,F6,F7,F8	130009090009- R	PGB1010603M R

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31	1	F9	130010060043-R	2A
32	4	FL1,FL2,FL3,FL4	130009030796-R	600E
33	1	J1	150009030344-R	CON_RCAJACK 3_RCJ-014
34	1	J2	1.5001E+11	CON_HDMI_19 X1
35	1	J3	150009090002-R	HDR_7X2
36	1	J4	150009090010-R	CON_USB- A_4_F
37	1	J6	150009030246-R	HDR_2X1
38	1	J7	1.50009E+11	CON_SDCARD _28_MHC-W21- 601
39	1	J8	150009030326-R	CON_PWRJACK 3_KLDX-0202- AHT
40	1	J10	150009030371-R	CON_RJ45- 8_RJHSE-5381
41	2	J11,J12	150010080015-P	RECP_10X2
42	1	J13	1.50009E+11	CON_USBAB_5 _F
43	1	J14	1.5001E+11	CON_DSUB_9_ M

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44	1	J15	1.50009E+11	HDR_5X2
45	1	J16	150010080016-P	RECP_14X2
46	3	L1,L2,L3	130010060006-R	2.2uH
47	1	L4	1.3001E+11	10uH
48	1	L5	130010060025-R	2.2uH
49	1	LD1	1.30009E+11	LTST-C150GKT
50	60	R1,R3,R6,R8,R9,R11,R17,R21, R25,R27,R28,R44,R51,R62,R72 ,R73,R75,R80,R81,R88,R91,R9 6,R97,R99,R105,R112,R113,R1 24,R141,R142,R143,R147,R14 9,R154,R158,R177,R181,R183, R184,R187,R188,R189,R191,R 195,R196,R197,R199,R202,R2 04,R206,R207,R210,R216,R21 7,R232,R233,R234,R235,R236, R239	110009030208-P	10K
51	10	R4,R22,R23,R24,R45,R57,R63, R139,R164,R166	110009030797-P	4.7K_1%
52	19	R10,R41,R56,R58,R65,R82,R85 ,R86,R90,R100,R103,R120,R13 3,R144,R145,R153,R167,R186, R192	110009030085-P	0E_1%
53	1	R7	1.10009E+11	510E_1%
54	16	R20,R29,R30,R31,R32,R33,R34 ,R35,R36,R37,R38,R39,R40,R4 3,R146,R150	110009030202-R	10E_1%
55	1	R42	110010060016-R	1.5K
56	7	R46,R47,R87,R93,R170,R173,R 231	110009030515-R	22E

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57	43	R48,R49,R50,R53,R54,R55,R59, R60,R61,R66,R67,R68,R69,R7 0,R71,R76,R77,R78,R79,R92,R 128,R155,R156,R160,R161,R1 62,R163,R165,R168,R169,R19 0,R211,R212,R213,R214,R218, R219,R220,R221,R223,R224,R 225,R226	110009030203- R	10E_1%
58	1	R52	110009031126- R	8.06K_1%
59	1	R94	110010060018- R	110K_1%
60	2	R95,R203	110009031167- R	86.6K_1%
61	3	R98,R209,R215	110009031106- R	75E_1%
62	4	R101,R102,R179,R185	110009030100- R	1.20K_1%
63	7	R106,R108,R119,R159,R182,R 198,R228	110009030074- R	0E
64	3	R107,R125,R222	110009030572- R	270E
65	2	R110,R227	110009030541-P	24.9K_1%
66	1	R111	110010060017- R	68K_1%
67	5	R114,R115,R116,R117,R138	110009030897- R	49.9E_1%
68	1	R118	110010060013- R	10E
69	1	R122	1.10009E+11	2K
70	5	R123,R134,R135,R180,R201	110009030411- R	1K_1%
71	1	R126	110010060002- R	357E_1%

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72	1	R127	110009030337-R	150K_1%
73	1	R129	110009030175-P	100E_1%
74	1	R130	1.1001E+11	0.39E_1%
75	11	R131,R132,R136,R137,R140,R171,R172,R174,R175,R176,R178	110009030177-R	100K
76	2	R151,R152	110009030128-R	1.65K_1%
77	1	R193	110009030247-R	12.1K_1%
78	1	R200	110009120013-R	0.020E_1%
79	1	R205	110009080019-P	13.3K_1%
80	1	R208	110009030820-R	41.2K_1%
81	1	R229	110009030178-R	100K
82	1	R230	110010060014-R	120E_1%
83	2	SW1,SW2	1.30009E+11	TL3301AF160Q J_SPST
84	1	SW4	1.30009E+11	CHS-08A_8PST
85	1	T1	1.3001E+11	C1174-ALB
86	1	TR1	130010050016-R	H2019NL

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87	2	U1,U2	141110050001-R	MT47H64M16H R-25
88	1	U3	1.41009E+11	TFP410PAP
89	1	U4	142009070015-R	TPS2052BDRB
90	1	U5	141009030376-R	TXS0102DCUR
91	1	U6	142009030403-R	TPS74801DRC R
92	1	U7	1.41009E+11	MAX3232
93	1	U8	141010050001-R	XAM3517AZCN
94	1	U9	1.4111E+11	MT29F2G16AA DWP:D
95	1	U10	143009060006-R	USB3320C- EZK
96	1	U11	142010060021-R	TPS2141IPWP
97	1	U12	141010050003-R	LAN8720Ai-CP- TR

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98	1	U13	142010060009-P	TPS78601DCQ R
99	1	U14	1.4201E+11	TPS65910RSLR
100	1	U15	142010060020- R	TPS2034DR
101	1	U16	130010060041- R	TCMT1104
102	1	U17	142010060010- R	TPS2024DR
103	1	U18	141010060008-P	TPS23750PWP
104	1	U19	1.4201E+11	SI4840DY-T1- E3
105	1	U20	1.4201E+11	2SK326800L
106	2	U21,U24	141009060013- R	SN74CB3Q162 11DGVR
107	2	U22,U25	141009060014- R	SN74CB3Q338 4ADGVR
108	3	U23,U27,U28	141009030405- R	SN74LVC1G07 DBVR
109	1	U26	141010010003- R	ISO1050DUB
110	1	Y1	130009030067- R	26MHz

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111	1	Y2	130009070004-R	25.000MHz
112	1	Y3	130009030081-P	32.768KHz
113	1	Q1	142009060053-P	IRLML2402TRP BF

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Description	Mfr_name	Mfr_part_number	Distributor_name	Distributor_part_number
BATTERY LITH COIN 3V SMD	PANASONI C-ECG	ML614S-F9F	DIGIKEY	P297-ND
CAP CERAMIC 0.1uF 10V 10% X5R 0402	PANASONI C-ECG	ECJ- 0EB1A104K	DIGIKEY	PCC2146CT- ND
CAP CERAMIC 20pF 100V 5% NP0 0603	MURATA	GRM1885C2A 200JA01D	DIGIKEY	490-1334-1- ND
CAP CERAMIC 0.01uF 25V 10% X7R 0402	AVX CORPORATI ON	04023C103K AT2A	DIGIKEY	478-1113-1- ND
CAP CERAMIC 10uF 10V 10% 0805	TAIYO YUDEN	LMK212BJ10 6KG-T	DIGIKEY	587-1300-1- ND
CAP CERAMIC 2.2uF 6.3V 20% X5R 0402	PANASONI C-ECG	ECJ- 0EB0J225M	DIGIKEY	PCC2421CT- ND
CAP POLYMER 120uF 10V 20% DCASE_6666	UNITED CHEMI CON	APXE100ARA 121MF61G	DIGIKEY	565-3200-1- ND
CAP CERAMIC 1uF 10V 10% X5R 0603	AVX CORPORATI ON	0603ZD105K AT2A	DIGIKEY	478-1251-1- ND
CAP CERAMIC 4.7uF10V 10% X5R 0603	TAIYO YUDEN	LMK107BJ47 5KA-T	DIGIKEY	587-1441-1- ND

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CAP CERAMIC 33pF 50V 5% NPO 0603	KEMET	C0603C330J5 GACTU	DIGIKEY	399-1055-1- ND
CAP CERAMIC 2200pF 2000V 10% X7R 1812	TDK CORPORATI ON	C4532X7R3D 222K	DIGIKEY	445-2389-1- ND
CAP CERAMIC 1000pF 50V 10% X7R 0603	PANASONI C-ECG	ECJ- 1VB1H102K	DIGIKEY	PCC1772TR- ND
CAP ELECTROLYTIC 47uF 63V 20% FCASE_8383	PANASONI C-ECG	EEE- FK1J470P	DIGIKEY	PCE3823CT- ND
CAP CERAMIC 0.1uF 100V 10% X7R 0805	TDK CORPORATI ON	C2012X7R2A 104K	DIGIKEY	445-1418-1- ND
CAP CERAMIC 1.0uF 100V 10% X7R 1206	TDK CORPORATI ON	C3216X7R2A 105K	DIGIKEY	445-4467-1- ND
CAP ELECTROLYTIC 330uF 10V 20% FCASE_8383	PANASONI C-ECG	EEE- FK1A331P	DIGIKEY	PCE3779CT- ND
CAP CERAMIC 68000pF 16V 10% X5R 0402	TDK CORPORATI ON	C1005X5R1C 683K	DIGIKEY	445-4968-1- ND
CAP CERAMIC 47uF 10V 20% X5R 1206	TAIYO YUDEN	LMK316BJ47 6ML-T	DIGIKEY	587-1780-1- ND
CAP CERAMIC 0.22uF 10V 10% X5R 0402	MURATA	GRM155R61A 224KE19D	DIGIKEY	490-3910-1- ND

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CAP CERAMIC 0.1uF 10V 10% X5R 0201	TAIYO YUDEN	LMK063BJ10 4KP-F	DIGIKEY	587-2241-1- ND
CAP CERAMIC 2.2uF 16V 10% X7R 0805	KEMET	C0805C225K 4RACTU	DIGIKEY	399-3523-1- ND
DIODE SWITCHING DIODE SOT23- 3	DIODES INC	BAS16LT3G	DIGIKEY	BAS16LT3GOS CT-ND
IC BRIDGE RECTIFIER SMD	DIODES INC	HD01-T	DIGIKEY	HD01DICT-ND
DIODE TVS 58V 400W SMA	LITTLE FUSE	SMAJ58A	DIGIKEY	SMAJ58ALFCT- ND
DIODE RECTIFIER 200V 1A SMA	FAIRCHILD	ES1D	DIGIKEY	ES1DFSCCT-ND
IC LOW VOLTAGE ADJUSTABLE PRECISION SHUNT REGULATORS SOT23-5	TEXAS INSTRUME NTS	TLV431AQDB VR		
DIODE TVS 1500W 5V SMC	BOURNS	SMCJ5.0CA	DIGIKEY	SMCJ5.0CABC T-ND
DIODE ZENER 350mW 18V SOT23-3	DIODES INC	BZX84C18-7- F	DIGIKEY	BZX84C18- FDITR-ND
FUSE RESETTABLE 0.1A TH	TYCO ELECTRONI CS	RXEF010	DIGIKEY	RXEF010-ND
FUSE ESD SUPPRESSORS 0603	LITTLE FUSE	PGB1010603 MR	DIGIKEY	F2594CT-ND

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FUSE 2A 32V FAST THIN 0603	AVX CORPORATI ON	F0603E2R00F STR	DIGIKEY	478-2866-1- ND
PASSIVE FILTER EMI 600E 500mA 0603	MURATA	BLM18EG601 SN1D	DIGIKEY	490-3994-1- ND
CON RCA JACK 3POS FEMALE YEL RT TH	CUI INC	RCJ-014	DIGIKEY	CP-1403-ND
CON RECEPTACLE HDMI TYPE A RT SMD	FCI	10029449- 001RLF	DIGIKEY	609-1010-1- ND
CON HDR 7X2 2.54MM PITCH ST TH	FCI	75844-101- 14LF	DIGIKEY	75844-101- 14LF-ND
CON USB-A TYPE 4POS FEMALE RT TH	MIL- MAX	896-43-004- 90-000000	NA	NA
CON HDR 2X1 2.54MM PITCH ST TH	MOLEX	22-03-2021	DIGIKEY	WM4000-ND
CON SD CARD & MMC+PLUS 28POS SMD	MORETHAN ALL	MHC-W21- 601		
CON POWER JACK 3POS 2.05MM X 6.50MM MALE RT TH	KYCON	KLDX-0202- AHT		
CON REGISTERED JACK 8POS FEMALE RT TH	AMPHENOL	RJHSE-5381	MOUSER	523-RJHSE- 5381
CON RECP 20P 1.27MM PITCH FEMALE ST TH	MAJOR LEAGUE ELECTRONI C	SSHS-510-D- 04-T-LF	NA	NA
CON USB-AB TYPE 5POS FEMALE RT SMD	KYCON	KMABX-SMT- 5S-S-30TR	MOUSER	806- KMABXSMT5S S30T
CON DSUB 9POS MALE RT TH	TYCO ELECTRONI CS	1734352-1	DIGIKEY	A35113-ND

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CON HDR 5X2 2.54MM PITCH ST TH	MOLEX	10-89-1101	DIGIKEY	WM6810-ND
CON RECP 28P 2.54MM PITCH FEMALE ST TH	MAJOR LEAGUE ELECTRONI C	LSWSS-114- D-02-T-LF	NA	NA
IND POWER 2.2uH 2.6A 30% SMD	TDK CORPORATI ON	VLCF5020T- 2R2N2R6-3	DIGIKEY	445-4557-1- ND
IND POWER 10uH 1.2A 20% SMD	WURTH ELECTRONI CS INC	7445510	DIGIKEY	732-1335-1- ND
IND POWER 2.2uH 3.6A 20% SMD	WURTH ELECTRONI CS INC	7447745022	DIGIKEY	732-1313-1- ND
DIODE LED GREEN 1206	LITEON	LTST- C150GKT	DIGIKEY	160-1169-1- ND
RES 10K 1/16W 5% 0402	YAGEO AMERICA	RC0402JR- 0710KL	DIGIKEY	311-10KJRCT- ND
RES 4.7K 1/16W 1% 0402	VISHAY	CRCW04024K 70FKED	DIGIKEY	541-4.70KLCT- ND
RES 0E 1/16W 1% 0402	YAGEO AMERICA	RC0402FR- 070RL	NA	NA
RES 510E 1/16W 1% 0402	YAGEO AMERICA	RC0402FR- 07510RL	DIGIKEY	311-510LRCT- ND
RES 10E 1/20W 1% 0201	PANASONI C-ECG	ERJ- 1GEF10R0C	DIGIKEY	P10.0ABCT-ND
RES 1.5K 1/16W 5% 0402	ROHM	MCR01MZPJ1 52	DIGIKEY	RHM1.5KJCT- ND
RES 22E 1/16W 5% 0402	PANASONI C-ECG	ERJ- 2GEJ220X	DIGIKEY	P22JCT-ND

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RES 10E 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF10R0X	DIGIKEY	P10.0LCT-ND
RES 8.06K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF8061X	DIGIKEY	P8.06KLCT-ND
RES 110K 1/10W 1% 0402	PANASONI C-ECG	ERJ- 2RKF1103X	DIGIKEY	P110KLCT-ND
RES 86.6K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF8662X	DIGIKEY	P86.6KLCT-ND
RES 75E 1/10W 1% 0603	PANASONI C-ECG	ERJ- 3EKF75R0V	DIGIKEY	P75.0HCT-ND
RES 1.20K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF1201X	DIGIKEY	P1.20KLCT-ND
RES 0E 1/8W 5% 0805	ROHM	MCR10EZHJ0 00	DIGIKEY	RHM0.0ACT- ND
RES 270E 1/16W 5% 0402	PANASONI C-ECG	ERJ- 2GEJ271X	DIGIKEY	P270JCT-ND
RES 24.9K 1/10W 1% 0603	YAGEO AMERICA	RC0603FR- 0724K9L	DIGIKEY	311- 24.9KHRCT- ND
RES 68K 1/10W 1% 0402	PANASONI C-ECG	ERJ- 2RKF6802X	DIGIKEY	P68.0KLCT-ND
RES 49.9E 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF49R9X	DIGIKEY	P49.9LCT-ND
RES 10E 1/10W 5% 0603	YAGEO AMERICA	RC0603JR- 0710RL	DIGIKEY	311-10GRCT- ND
RES 2K 1/16W 5% 0402	WALSIN	WR04X202_J T	NA	NA
RES 1K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RKF1001X	DIGIKEY	P1.00KLCT-ND
RES 357E 1/4W 1% 1206	PANASONI C-ECG	ERJ- 8ENF3570V	DIGIKEY	P357FCT-ND

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RES 150K 1/10W 1% 0603	PANASONI C-ECG	ERJ- 3EKF1503V	DIGIKEY	P150KHDKR- ND
RES 100E 1/10W 1% 0603	YAGEO AMERICA	RC0603FR- 07100RL	DIGIKEY	311-100HRCT- ND
RES 0.39E 1/4W 1% 1206	PANASONI C-ECG	ERJ- 8RQFR39V	DIGIKEY	P.39RCT-ND
RES 100K 1/16W 5% 0402	PANASONI C-ECG	ERJ- 2GEJ104X	DIGIKEY	P100KJCT-ND
RES 1.65K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RK1651X	DIGIKEY	P1.65KLCT-ND
RES 12.1K 1/10W 1% 0603	PANASONI C-ECG	ERJ- 3EKF1212V	DIGIKEY	P12.1KHCT-ND
RES 0.02E 1/4W 1% 0805	VISHAY	WSL0805R02 00FEA18	DIGIKEY	WSLB-.02DKR- ND
RES 13.3K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RK1332X	DIGIKEY	P13.3KLCT-ND
RES 41.2K 1/16W 1% 0402	PANASONI C-ECG	ERJ- 2RK4122X	DIGIKEY	P41.2KLCT-ND
RES 100K 1/10W 5% 0603	PANASONI C-ECG	ERJ- 3GEYJ104V	DIGIKEY	P100KGCT-ND
RES 120E 1/10W 1% 0603	PANASONI C-ECG	ERJ- 3EKF1200V	DIGIKEY	P120HCT-ND
SWITCH TACT SPST SMD	E-SWITCH COPAL	TL3301AF160 QJ	DIGIKEY	EG4374CT-ND
SWITCH SLIDE 8PST SMD	ELECTRONI CS	CHS-08TA	DIGIKEY	563-1011-1- ND
TRANSFORME R DUAL- OUTPUT FLYBACK TRANSFORME R SMD	COIL CRAFT	C1174-ALB	NA	NA
TRANSFORME R MODULES POE MAGNETICS SMD	PULSE	H2019NL	DIGIKEY	553-1333-ND

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IC DDR2 SDRAM 1GBIT FBGA84	MICRON	MT47H64M16 HR-25	NA	NA
IC DIGITAL TRANSMITTER HTQFP64	TEXAS INSTRUME NTS	TFP410PAP	DIGIKEY	296-12666-ND
IC POWER DISTRIBUTION SON8	TEXAS INSTRUME NTS	TPS2052BDR BT	DIGIKEY	296-23967-1- ND
IC VOLTAGE- LEVEL TRANSLATOR VSSOP8	TEXAS INSTRUME NTS	TXS0102DCU R	DIGIKEY	296-21931-1- ND
IC 1.5A LDO REGULATOR WITH PROGRAMMAB LE SOFT- START SON10	TEXAS INSTRUME NTS	TPS74801DR CR	DIGIKEY	296-21563-1- ND
IC MULTICHANNE L RS-232 LINE DRIVER/RECEI VER SSOP16	TEXAS INSTRUME NTS	MAX3232IDB R	DIGIKEY	296-13097-2- ND
IC ARM MICROPROCES SOR NFBGA491	TEXAS INSTRUME NTS	XAM3517AZC N	NA	NA
IC 2-GBIT FLASH MEMORY TSOP48	MICRON	MT29F2G16A ADWP:D	NA	NA
IC HI-SPEED USB TRANSCIEVER WITH VARIABLE VOLTAGE QFN32	SMSC	USB3320C- EZK		
IC USB ADJUSTABLE LDO HTSSOP14	TEXAS INSTRUME NTS	TPS2141IPW P	DIGIKEY	296-12565-5- ND
IC ETHERNET TRANSCIEVER WITH HP AUTO-MDIX SUPPORT QFN24	SMSC	LAN8720Ai- CP-TR	NA	NA

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IC LDO VOLTAGE REGULATOR FEATURES HIGH PSRR SOT223-6	TEXAS INSTRUME NTS	TPS78601DC QR	DIGIKEY	296-13755-1- ND
IC INTEGRATED POWER MANAGEMENT UNIT QFN48	TEXAS INSTRUME NTS	TPS65910RSL R	NA	NA
IC POWER DISTRIBUTION SOIC8	TEXAS INSTRUME NTS	TPS2034DR	DIGIKEY	296-26905-1- ND
IC OPTOCOUPLER SOP4	VISHAY	TCMT1104	DIGIKEY	TCMT1104-ND
IC POWER DISTRIBUTION SOIC8	TEXAS INSTRUME NTS	TPS2024DR	DIGIKEY	296-2564-1- ND
IC INTIGRATED IEEE PD CONTROLLER HTSSOP20	TEXAS INSTRUME NTS	TPS23750PW P	DIGIKEY	296-26921-5- ND
IC MOSFET N- CHANNEL SOIC8	VISHAY	SI4840DY-T1- E3	DIGIKEY	SI4840DY-T1- E3CT-ND
IC MOSFET N- CHANNEL U- DL	PANASONI C	2SK326800L	DIGIKEY	2SK326800LC T-ND
IC LOW VOLTAGE FET BUS SWITCH TVSOP56	TEXAS INSTRUME NTS	SN74CB3Q16 211DGVR	DIGIKEY	296-17628-1- ND
IC LOW VOLTAGE FET BUS SWITCH TVSOP24	TEXAS INSTRUME NTS	SN74CB3Q33 84ADGVR	DIGIKEY	296-19143-1- ND
IC SINGLE BUFFER/DRIVE R SOT23-5	TEXAS INSTRUME NTS	SN74LVC1G0 7DBVR	DIGIKEY	296-8485-1- ND
IC ISOLATED CAN TRANSCEIVER SOP8	TEXAS INSTRUME NTS	ISO1050DUB ABM8-	NA	NA
CRY 26MHz SMD	ABRACON	26.000MHZ- 10-1-U-T	DIGIKEY	300-8230-1- ND

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CRY 25.000MHz SMD	ABRACON	ABM3B- 25.000MHZ- 10-1-U-T	DIGIKEY	300-8218-1- ND
CRY 32.768KHz SMD	ABRACON	ABS10- 32.768KHZ-T	DIGIKEY	535-9536-1- ND
IC HEXFET POWER MOSFET SOT23-3	INTERNATI ONAL RECTIFIER	IRLML2402TR PBF	DIGIKEY	IRLML2402PBF CT-ND