

BONSO ELECTRONICS LTD. Multi-Level BOM

Page:1

Total:5

Effect date:20120807 Printed Date: 20120807 Printed Time: 01:23:33

Document no:	Rev:		
Item no:	Description	QP	UM
9457-721610-000	NI-MH BATTERY 7.2V 160mAh BG 216 36*26*15mm		1 EA
8507-002062-000	2-PIN HOUSING MALE L=65mm		1 EA
9103-040000-000	DC JACK DC-004 (GABOU) /DS- 0450		1 EA
5102-021601-000	PCB ASS'Y FOR 000216-00 TX		1 EA
9502-062700-000	BUZZER SQ-09627 AT9555R6.5S HORIZONTAL		1 EA
8302-027151-000	FTX27.147M20A6 20PPM/20PF 49U FRONT X1.		1 EA
8302-032721-000	CRYSTAL 32.768 D3x8 20PPM RoHS		1 EA
5603-021601-000	27MHZ HELICAL ANT FOR 216-00 ANT1.		1 EA
8507-002037-000	2-PIN CONNECTOR (2.0) MALE BAT1. J1.		2 EA
5540-005332-000	5MM CAN COIL PIN5(5MB-3R3) 3.3uH L9.		1 EA
8053-010701-900	EELC CAP 100UF/16V ,M 5*7MM Pb-Free C46.		1 EA
6550-120400-000	WHITE LED 204UWC/S470-A3 EVERLIGHT		3 EA
5101-021601-000	SMT ASS'Y FOR 000216-00 TX		1 EA
5052-021601-000	D/S PCB FOR 000216-00 TX R0D2 PCB.		1 EA
8960-012084-000	TD-10 TACT SWITCH 4.5*4.5*3.8 SMD S1. S2. S3.		3 EA
6550-006710-000	DNAL LED (RED/GEEN) HL19- 223SURTC-F/TRB LED1. LED2.		2 EA
6080-004050-000	BIAS TRANSISTORS NPN-ESM KRC405ERTK (KEC) Pb-Free Q2. Q7.		2 EA
6080-240750-000	CHIP TRANSISTOR, KTC4075GR KEC Pb-Free Q6.		1 EA
6080-238750-000	CHIP TRANSISTOR: KTC3875Y SOT-23 (KEC) Pb-Free		1 EA

Muilt-Level BILL OF MATERIAL

BOM-T-G-_____ Page:_____Of_____

BONSO ELECTRONICS LTD. Multi-Level BOM

Page:2

Total:5

Effect date:20120807 Printed Date: 20120807 Printed Time: 01:23:33

Document no:	Rev:		
Item no:	Description	QP	UM
	Q3.		
6080-234750-000	FET 2SK3475-TE12L (TOSHIBA) Pb-Free		1 EA
	Q5.		
6080-040750-000	CHIP TRANSIS. KTC4075EYRTK(Y) NPN-ESM KEC Pb-Free		4 EA
	Q1. Q4. Q9. Q8.		
6580-000103-000	DIODE SD103CW SCHOTTKY RoHS		2 EA
	D1. D2.		
5274-082800-000	PIC16LF1828 SSOP20 MCU Microchip		1 EA
	U1.		
5233-050501-000	XC6505B501MR-G 5.0V REGULATOR TOREX		1 EA
	U3.		
5233-033201-000	IC REGULATOR XC6201P332MR 3.3V TOREX		1 EA
	U2.		
7078-001015-000	CHIP RESISTOR 1/16W 100 OHM (J) (0603)		4 EA
	R3. R6. R34. R43.		
7078-101515-000	CHIP RES. 1/16W 150ohm+/-5% 0603 SAMSUNG Pb-Free		1 EA
	R37.		
7078-901025-000	CHIP RES. 1/16W 1Kohm+/-5% 0603 HK		4 EA
	R26. R30. R40. R44.		
7078-101035-000	CHIP RES. 1/16W 10Kohm +/-5% 0603 Pb-Free		4 EA
	R4. R5. R7. R35.		
7078-902415-000	CHIP RES. 1/16W 240ohm+/-5% 0603 HK		1 EA
	R2.		
7078-901045-000	CHIP RES. 1/16W 100Kohm+/-5% 0603 HK		1 EA
	R1.		
7078-102295-000	CHIP RES. 1/16W 2.2ohm+/-5% 0603 SAMSUNG Pb-Free		2 EA
	R29. R32.		
7078-102205-000	CHIP RES. 1/16W 22ohm+/-5% 0603 SAMSUNG Pb-Free		1 EA
	R39.		
7078-902225-000	CHIP RES. 1/16W 2.2Kohm+/-5% 0603 HK		1 EA

Muilt-Level BILL OF MATERIAL

BOM-T-G-_____ Page:_____Of_____

BONSO ELECTRONICS LTD. Multi-Level BOM

Page:3

Total:5

Effect date:20120807 Printed Date: 20120807 Printed Time: 01:23:33

Document no:	Rev:		
Item no:	Description	QP	UM
	R33.		
7078-101031-000	CHIP RES. 1/16W 10Kohm +/-1% 0603 Pb-Free		1 EA
	R103.		
7078-902735-000	CHIP RES. 1/16W 27Kohm+/-5% 0603 HK		1 EA
	R31.		
7078-102245-000	CHIP RES. 1/16W 220K+/-5% 0603 SAMSUNG Pb-Free		1 EA
	R101.		
7078-904705-000	CHIP RES. 1/16W 47ohm+/-5% 0603 HK		1 EA
	R38.		
7078-904715-000	CHIP RES. 1/16W 470ohm+/-5% 0603 HK		1 EA
	R41.		
7078-109125-000	CHIP RES. 1/16W 9.1Kohm+/-5% 0603 SAMSUNG Pb-Free		1 EA
	R36.		
7078-105131-000	CHIP RES. 1/16W 51Kohm+/-1% 0603 SAMSUNG Pb-Free		1 EA
	R102.		
7078-105145-000	CHIP RES. 1/16W 510Kohm+/-5% 0603 SAMSUNG Pb-Free		1 EA
	R104.		
7078-103325-000	CHIP RES. 1/16W 3.3Kohm+/-5% 0603 SAMSUNG Pb-Free		2 EA
	R25. R42.		
8090-010000-009	CHIP TRIMER CAP 10PF N400 STC3M10-T1 WHITE STD Pb-Free		1 EA
	CT1.		
8066-207062-003	CHIP C. CAP 7PF +/-0.25PF 0603 0603CG070C9BB PHILIPS Pb-Free		1 EA
	C30.		
8006-210122-001	CHIP C. CAP 100PF +/-5% 0603 GRM39C0G101J 50PT MURATA		1 EA
	C49.		
8066-215122-001	CHIP C. CAP 150PF +/-5% 0603 GRM39CH151J 50PT MURA Pb-Free		3 EA
	C37. C43. C50.		
8066-210234-001	CHIP C. CAP 1NF +/-10% 0603 GRM39X7R102K 50PT MURA Pb-Free		2 EA
	C31. C32.		
8066-210334-001	CHIP C. CAP 10NF +/-10% 0603 GRM39X7R103K 50PT MURA Pb-Free		7 EA

Muilt-Level BILL OF MATERIAL

BOM-T-G-_____ Page:_____Of_____

BONSO ELECTRONICS LTD. Multi-Level BOM

Page:4

Total:5

Effect date:20120807 Printed Date: 20120807 Printed Time: 01:23:33

Document no:	Rev:		
Item no:	Description	QP	UM
	C33. C34. C38. C42. C44. C45. C47.		
8063-210434-002	CHIP C. CAP 0.1UF +/-10% 0603 CL10B104K0NC SAMSUNG Pb-Free		1 EA
	C1.		
8061-210557-001	CHIP C. CAP 1UF +80/-20% 0603 10V Y5V Pb-Free MURATA		3 EA
	C5. C15. C6.		
8063-010650-000	CHIP CAP 10UF16V 0805 20% Y5V		1 EA
	C3.		
8066-222022-002	CHIP C. CAP 22PF +/-5% 0603 CL10C220JBNC SAMSUNG Pb-Free		2 EA
	C301. C302.		
8063-222553-004	CHIP CAP JMK107F225ZA-T2. 2UF (TAIYO YUDEN) Pb-Free		1 EA
	C4.		
8066-236022-001	CHIP C. CAP 36PF +/-5% 0603 GRM39COG360J 50PT MURA Pb-Free		1 EA
	C51.		
8066-239062-001	CHIP C. CAP 39PF +/-0.25PF 0603 MURATA Pb-Free		1 EA
	C36.		
8066-268022-003	CHIP C. CAP 68PF +/-5% 0603 0603CG680J 9BB PHILIPS Pb-Free		1 EA
	C48.		
8086-082022-000	CHIP CERAMIC CAP GRM39COG820J 50PT 82P (0603)		1 EA
	C35.		
8086-012122-000	CHIP CERAMIC CAP GRM39COG121J 50PT 120PF (0603)		1 EA
	C41.		
5526-000221-000	INDUCTOR CHIP 220NH 2520 SDWL2520CR22JT SUNLORD		1 EA
	L6.		
5522-103310-000	CHIP INDUCTOR 0.33UH 2520 SDWL2520CR33JT SUNLO Pb-Free		1 EA
	L3.		
5526-104710-000	CHIP INDUCTOR 0.47UH 2520 SDWL2520CR47JT SUNLORD		1 EA
	L4.		
5526-106810-000	CHIP INDUCTOR 0.68UH 2520 SDWL2520CR68JT SUNLORD		1 EA
	L8.		
5526-107510-000	CHIP INDUCTOR 0.75UH 2520 SDWL2520CR75JT SUNLORD		1 EA

Muilt-Level BILL OF MATERIAL

BOM-T-G-_____ Page:_____Of_____

BONSO ELECTRONICS LTD. Multi-Level BOM

Page:5

Total:5

Effect date:20120807 Printed Date: 20120807 Printed Time: 01:23:33

Document no:

Rev:

Item no:	Description	QP	UM
	L2.		
5526-400102-000	CHIP INDUCTOR 1UH 2520 SDWL2520C1R0JT SUNLORD Pb-Free		1 EA
	L5.		
5526-101520-000	CHIP INDUCTOR 1.5UH 2520 SDWL2520C1R5JT SUNLORD		1 EA
	L7.		
5522-103920-000	CHIP INDUCTOR 3.9UH 2520 SDWL2520C3R9JT SUNLO Pb-Free		1 EA
	L1.		
1000-916700-000	Spacer plate 11.35*4.82*0.3T (under X-tal)		1 EA
9012-050007-000	SMPS ADAP DUAL JK UL 3.5Φ1.35 12V 500mA 216		1 EA