

8

7

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1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.

2. ALL CAPACITANCE VALUES ARE IN MICROFARADS.

3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.

REV

ZONE

ECN

DESCRIPTION OF CHANGE

CK APPD
DATE

ENG APPD
DATE

02

38403

ENGINEERING RELEASED

06/01/05

05

SCHEM, SPRINT

06/01/2005

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PAGE	CONTENTS
1	TITLE PAGE AND CONTENTS
2	BACK UP BATTERY
3	CONSTRAINTS
4	COMPONENT LOCATIONS

PART#	QTY	DESCRIPTION	REFERENCE DESIGNATOR(S)	BOM OPTION
051-6846	1	SCHEM,SPRINT,Q16B	SCH1	
820-1819	1	PCBF,SPRINT,Q16B	PCB1	

DIMENSIONS ARE IN MILLIMETERS


XX : _____

X.XX : _____

X.XXX : _____

ANGLES : _____


DO NOT SCALE DRAWING



THIRD ANGLE PROJECTION

METRIC

DRAFTER	/	DESIGN CK	/
ENG APPD	/	MFG APPD	/
QA APPD	/	DESIGNER	/
RELEASE	/	SCALE	NONE
MATERIAL/FINISH NOTED AS APPLICABLE		SIZE	D

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TITLE
SCHEME , SPRINT , Q16

DRAWING NUMBER 051-6846 REV. 02

SHT 1 OF 5

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02/21/05 - SCHEMATIC ORIGINATED FROM Q41B 051-6753-A
02/23/05 - CORRECTED THE NOTE

GROUP	SIG_NAME	VOLTAGE	MIN_LINE_WIDTH	MIN_NECK_WIDTH
BATTERY	24V_PBUS	VOLTAGE=24V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	14V_PBUS	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	PBUS_BB_IN	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	PBUS_SR2	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	PBUS_SR1	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	PBUS_BB_SW	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	+V_BBATT	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	+V_BBATT_RAW	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	BBATT_VSS	VOLTAGE=0V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	BBATT_VSS_SW	VOLTAGE=0V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
MAX1879	MAX1879_ADJ	VOLTAGE=1.4V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	BBATT_INPUT_DIV_L	VOLTAGE=14V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
S8241	PROT_D0	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	PROT_C0	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	9_12V_DET	VOLTAGE=1.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.508MM
MAX933	3_28V_DET	VOLTAGE=1.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	BOOST_ENABLE	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	BBATT_DISCHRG_ENABLE	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
LT1613	BBATT_OUT	VOLTAGE=4.2V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	BBATT_BOOST	VOLTAGE=6.5V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	BOOST_OUT	VOLTAGE=6.5V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM
	LT1613_FB	VOLTAGE=1.3V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	LT1613_FB_RC	VOLTAGE=1.3V	MIN_LINE_WIDTH=0.203MM	MIN_NECK_WIDTH=0.254MM
	GND	VOLTAGE=0V	MIN_LINE_WIDTH=0.508MM	MIN_NECK_WIDTH=0.254MM


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	SCALE NONE	SHT 3	OF 5





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