



A

B

C

D

A

B

C

D

REVISIONS				
REV.	DESCRIPTION	DATE	ENGINEER	CHECKED BY
*	*	*	*	*
*	*	*	*	*
*	*	*	*	*

Voltage at MCU:
@ 12V --> 3V
multiply by 4

Voltage at MCU pin:
@ 15V --> 3V
@ 5V --> 1V

15V / 500K = 30uA
(30uA * 2) x 400k = 36uW
through R2.

Voltage at MCU
pin:
@ 16.4V --> 2.73V
@ 6V --> 1V

Solar Panel Array: 3S3P
Max Voltage = 15V Max Current = 180mA

MECHANICAL PARTS

DRAWN: * DESIGN: * APPROVED: *	* * *
DECIMAL .XX ±.01	ANGLE .XXX ±.005
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES.	
SIZE C	DRAWING NO. *
SCALE NONE	SH. * OF *



TTI Floor Care
North America
8405 IBM Drive
Charlotte, NC 28262

TITLE:
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*

Comment	Description	Designator	Footprint	LibRef	Quantity
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