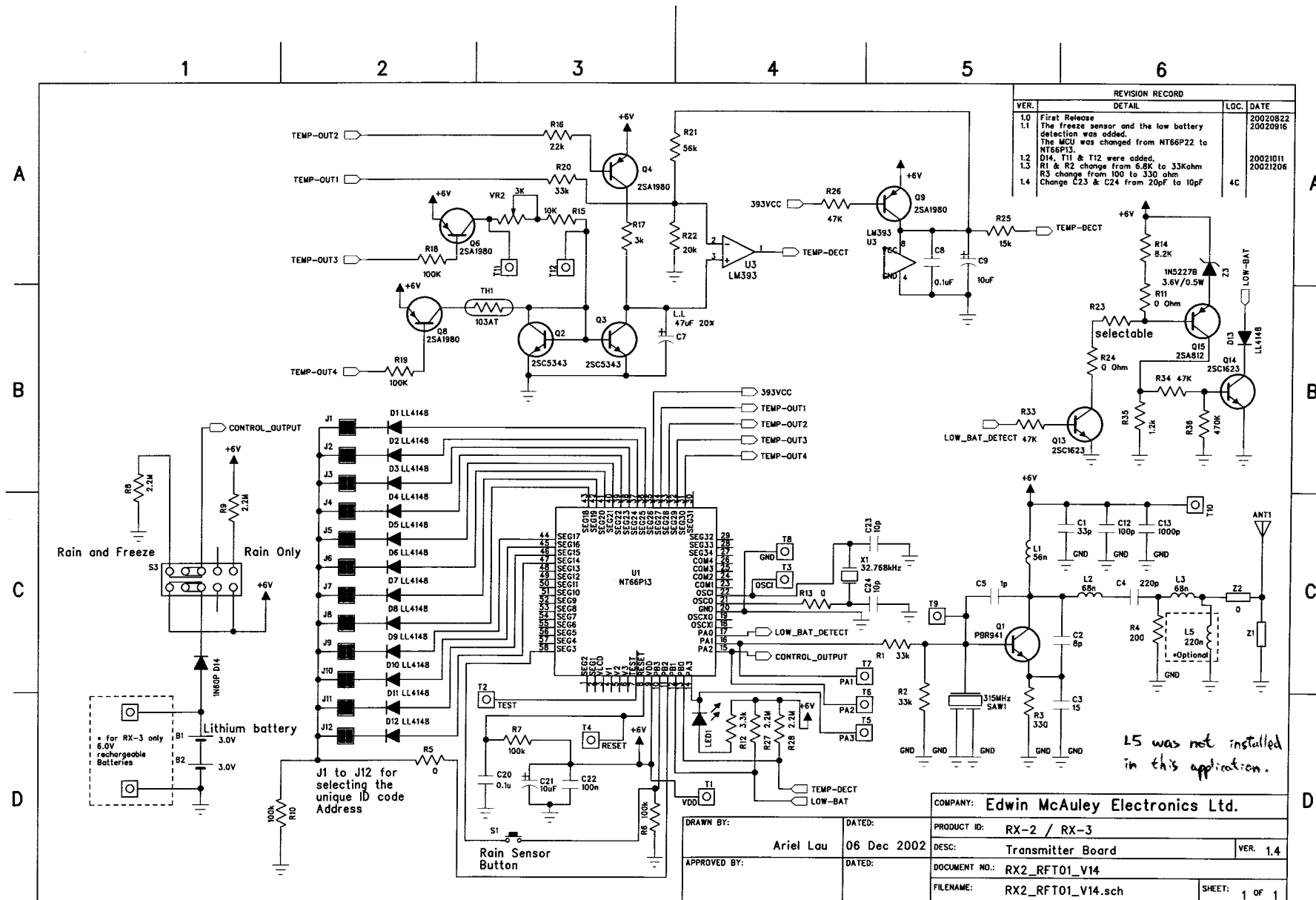




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EME3SCH.SCH

A

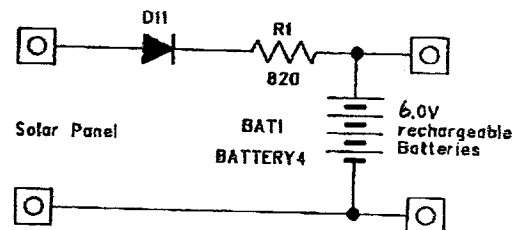
B

C

D

REVISION RECORD			
VER.	DETAIL	LOC.	DATE
1.0	First Release		20020916

OUT



DRAWN BY:		DATED:		COMPANY: Edwin McAuley Electronics Ltd.	
Leo lu		Sept 16, 2002		PRODUCT ID: RX-3	
APPROVED BY:		DATED:		DESC: Solar Panel Board	
		17/9/02		DOCUMENT NO.: RX3_PWR01_V10	
				VER. 1.0	
				SIZE: A4	
				FILENAME: RX3_PWR01_V10.SCH	
				SHEET: 1 OF 1	

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EMEA4SCH.SCH

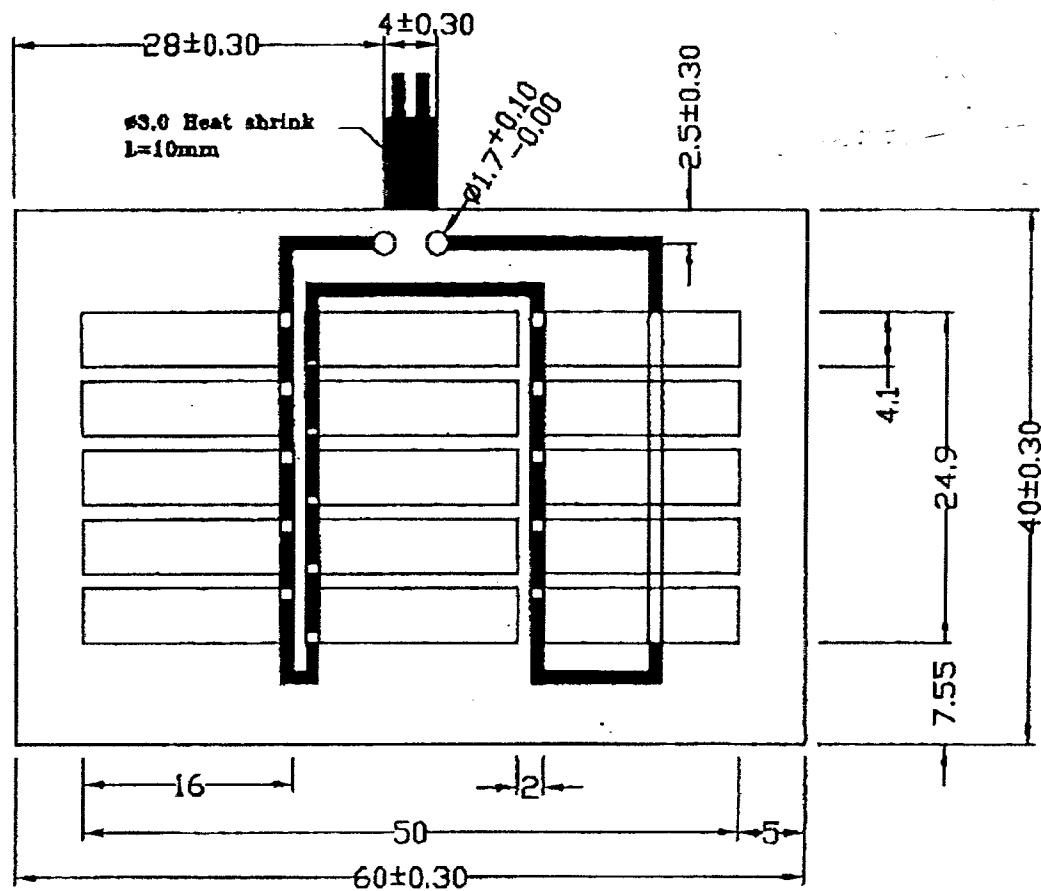
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09/10/2002 9:37 AM FROM: 27240730 TO: 28563002 PAGE: 001 OF 001



P1/2

Rx3
SOLAR
PANEL
SPEC

CO/CUSTOMER:		DESCRIPTION/PRODUCT:			SOL-LITE MFG.CO.,LTD		SCSMWS29N-B0041x00	
Edwin McAuley Ele.		0.13W Solar Panel					Mc	15
ITEM #		SOURCE FILE:		FILENAME:	DWG. BY:	APP. BY:	Vac	8.9
YP-PNL-S072-0018H01		XXX		PSLM7.2-18	Anna	SEP.-19-02	Vp	7.2
SUBSTRATE-THICKN:		-COLOR:		CABLE AWG#	SCALE:		mAsc	19.4
Paper Phenolic 1.6mm		Brown		AWG#22 R/B TWIN-WIRE 100mm	2:1		mAp	18
SIZE:					UNIT:		Wp	0.13
40X80					mm			

PANEL SPECIFICATIONS

Request by : EME
Product Name :
Panel Mode # : EME 0.13W Solar Panel
Cell Model # : mbCSM04218/27wx15

Req. Date : 26-Jun-02
File Name :
Date : 26-Jun-02

MINICELLS (mc):

1. Cell Maker	:	SIEMENS
2. Size / mc	mm :	4.10 x 16.00
3. Peak Voltage / mc	Vp :	0.484
4. Peak Current / mc	mAp :	18.00
5. Efficiency	mWp / sq.cm :	12.46

PANEL:

1. Panel Dimensions **	mm :	40.00 x 60.00
2. Total Panel Area	cm2 :	24
3. No. of Panel cut from stock sheet		510
4. # Minicells / Series	pcs :	15
5. Total cell area	sq. cm :	11.34
6. Open-Circuit Volt	Voc :	8.55
7. Short-Circuit	mAsc :	21.62 mA
8. Peak Voltage	Vp :	7.2
9. Peak Current	mAp :	18.00
10. Peak Power ***	mWp :	140
11. Peak Watt *	Wp :	0.1

* Under irradiance of 100 mW / sq. cm, spectrum of 1.5 air mass under cell temperature of 25 degree C, as per cell manufacturer's specs.

** Size tolerance +- 2 mm

*** Panel output is computed from cell manufacturer's data based on 0% reduction of cell efficiency after packaging of assembled cell strings.

+ Electrical output tolerance +- 10 %

PANEL PACKAGING MATERIAL:

1 Substrate :	Fiberglass	Thickness : 0.60 mm Color :
2 Corner Type :		
3 Corner holes :	No	Diameter : 0.00 mm
4 Nameplate :	No	
5 Cell cover material :		

TERMINAL LEADS

1 Wire / Cable :	AWG#30	Gauge : Gauge: Length : 50.00 mm Wire color : R/L
2 Terminals :		Out :
3 Connect box :	None	