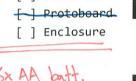
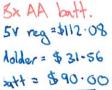
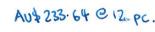
MY WISHLIST

Modules

- [x] Arduino
- [x] SD module
- [x] SD card
- [x] RTC module
- [x] Coin cell
- [] 5V up/down
- [] Batt holder
- [] Batteries







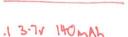
= AU\$ 20 @ 1 pc

\$ 112.74@ Ipc

1\$10 enclosure

* fudge factor

: \$ 130-00 @ Ipc.



att = \$71.10@ 18pc (yes, 18.)

Aut 92.61 @ 12pc

. \$100-1901pc.

+ \$10.00 enclosure

+ Fudge factor

\$120.00 @ Ipc.





Product Details and Comment

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Add low power real time keeping to your TinyDuino (Model ASD2831)

Please, enter your comments...

TINYSHIELD MICROSD

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The Heart of the TinyDuino Platform (Model ASM2001)

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All of TinyShield Signals with 0.1* Spacing(Model ASD2009)

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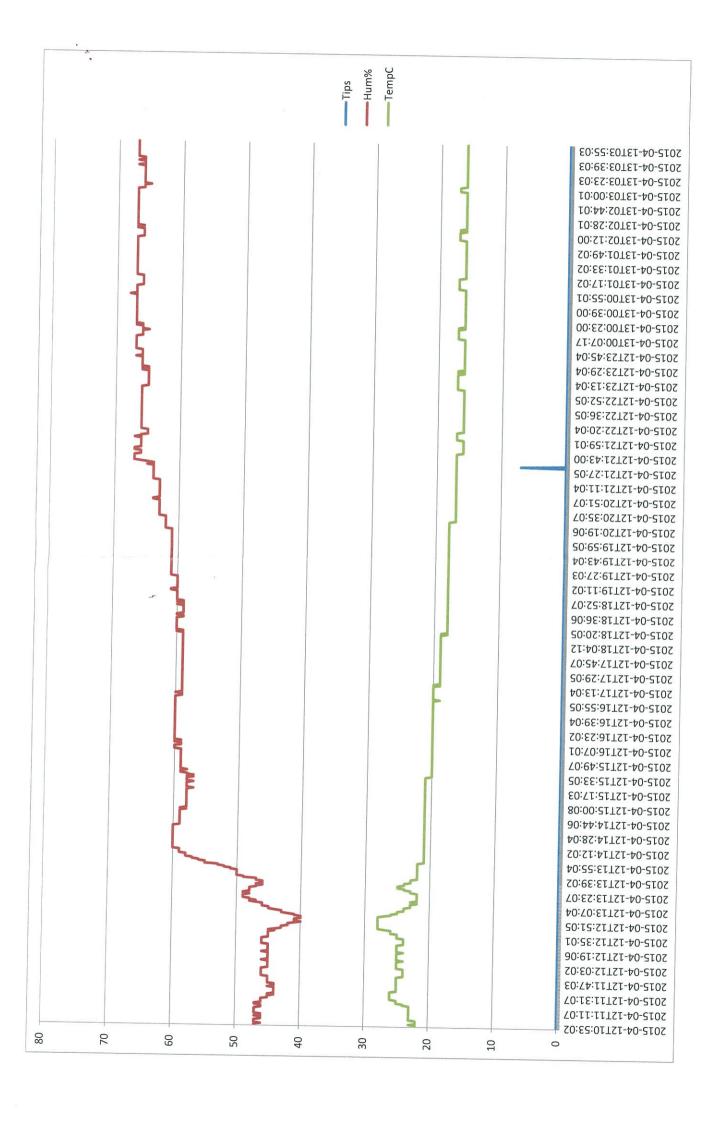
+

(US\$119.40 @ 12)

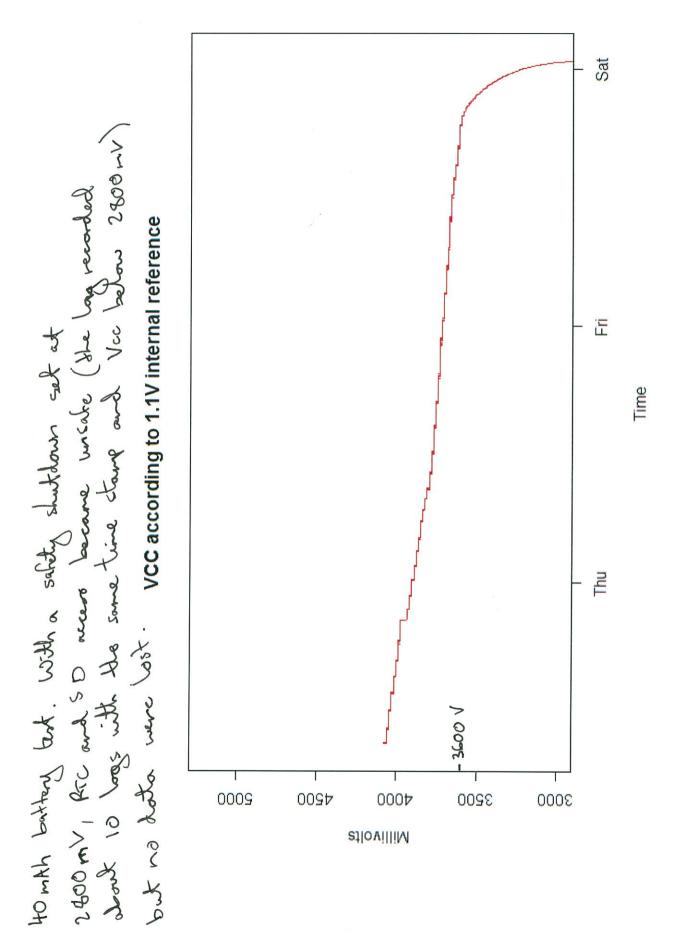
ADD TO CART

US\$ 71.21 @ 1 pc

AU\$ 92.74 @ 1 pc



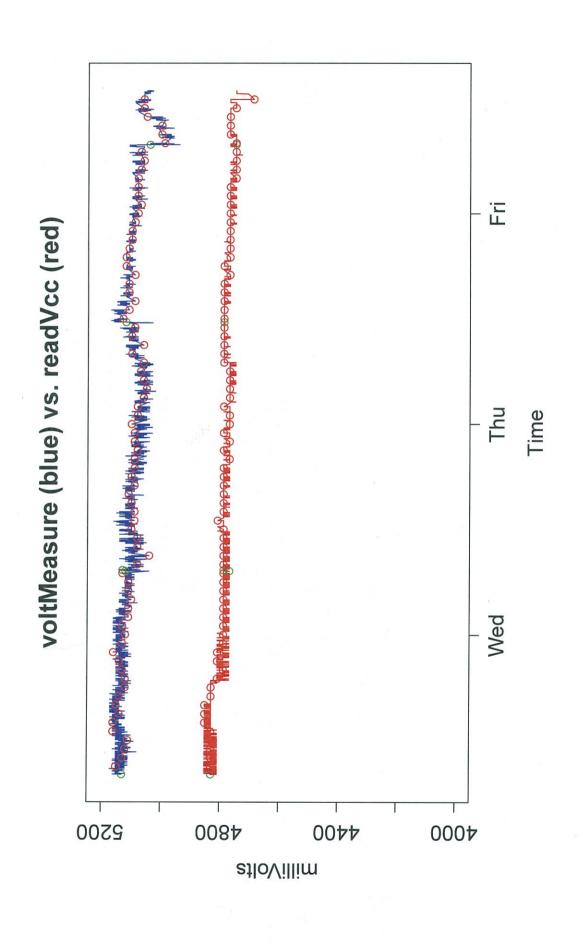
 $\theta^{\Phi_{\Theta} \circ \theta_{\Theta} \circ \theta$ LOL Volt Measure is crap. Readuce with the internal Fri voltMeasure (blue) vs. readVcc (red) Thu Time Wed 0009 3200 3000 d200 4000 stloVillim



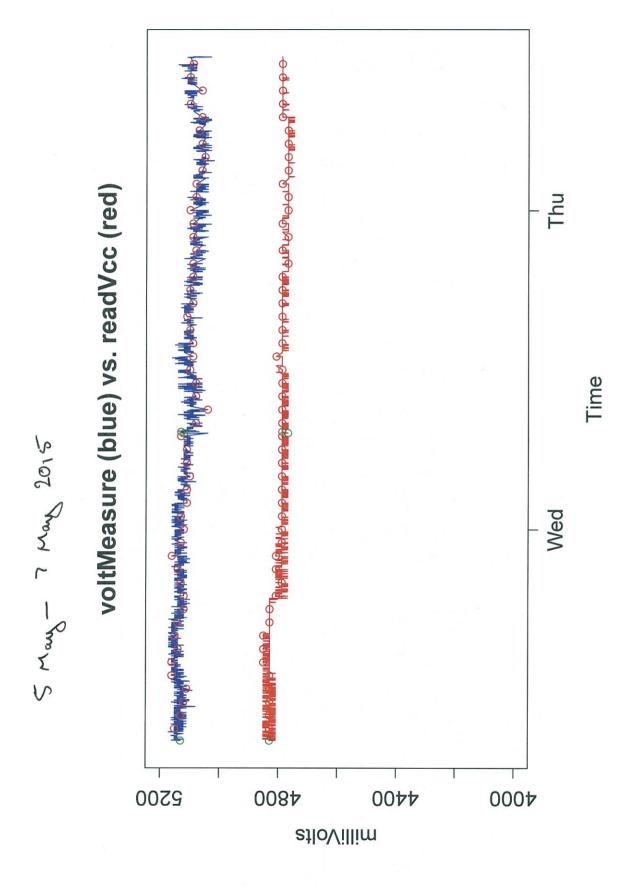
Logger buttery life. Experiment ran for 18 hours continuously.

Energiser Max is supposed to be 2500 mAh, but Energiser's own test showed 50 hours service life in a sende (50 mA drain?). 2000 Ah = 2000 mA x1h -> mAh = mA x1h Apparently, I war draining 32 mA. with Tiny During alone connected and nearuring anyperage of the bottery before it's stopped up, drawing 21 mA. So it's my step-up that's costing me battley life. I need to ship it, perhaps by just using 3x botteries together. Even with the reduced oftage range, I should be able to get more life with los power draw. Alternatively, I could do a hybrid system where I use a forward-biosed Zener to only allow voltage through

TingPuino power draw:	
roughour board sin 13 LOW, empty program: (N4007 protection diote)	5-74 mA.
" without protection diada.	8.68 mA. 9.10 mA.
RTC - At all	9.10 last.
rocessor, RTC, no protection diode.	
Delay Brec, flash LED 13 for 0.5 sec.	8.90 mA
	0-04 MA
bleep. powerdown for & sec, flash LEO 13 for 0.5 sec.	0.77 mA
above "with unbranded micro SD card (268).	0-70 mA
abore" with Kingston & GB card. "Sandisk 32 GB Extreme Plus.	0.96 mA
" Sandyk 25 AB Extreme 11 mg.	0.92 mA
" unbranded I GB micro SO card.	
Prototype with unbranded 268 microSD courd	17.00 mA
Software test:	



% Relative humidity (green) vs. Temperature °C (black) ΗĽ Thu Time Wed 30 50 09 01 07 0





% Relative humidity (green) vs. Temperature °C (black)

