



All resistors 1/4 watt except R15  
(1 Watt)

(Flat side forward.)

(can be any 1N400x type)

Adjust R5 for 4.2v/Cell out

S1 S2  
 Off Off 1 - Cell 4.2v  
 On Off 2 - Cell 8.4v  
 On On 3 - Cell 12.6v

	S3	S4	S5	S6	S7	S8	
Off	Off	Off	Off	Off	Off	Off	10 ma
On	Off	Off	Off	Off	Off	Off	24 ma
Off	On	Off	Off	Off	Off	Off	62 ma
On	On	Off	Off	Off	Off	Off	75 ma
Off	On	On	Off	Off	Off	Off	127 ma
Off	On	On	On	Off	Off	Off	192 ma
Off	Off	On	On	On	Off	Off	260 ma
On	On	On	On	On	Off	Off	335 ma
Off	Off	Off	Off	Off	Off	Off	650 ma
Off	On	Off	Off	Off	Off	On	725 ma
Off	On	On	Off	Off	Off	On	790 ma
Off	Off	On	On	On	On	On	907 ma
Off	On	On	On	On	On	On	972 ma
On	On	On	On	On	On	On	985 ma

## Lithium-Ion Battery charger III

Designed by Scott Henion

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