



Single-cell LiFePO4 Battery Charger IC

Part No.	Operating Mode	Features	Package
CN3058E	Linear	<ul style="list-style-type: none">● Input voltage range: 3.8V to 6.5V● On-chip power MOSFET and block diode● Regulation voltage: $3.6V \pm 50mV$, can be adjusted upwards by an external resistor● CC/CV charge mode● Maximum charge current: 1000mA● Charge and termination indications● Upgrade version of CN3058	SOP8
CN3082	Linear	<ul style="list-style-type: none">● Input voltage range: 4.45V to 6V● Automatically adjust charge current based on input supply's output capability● Suitable for solar-powered systems● On-chip power MOSFET and block diode● CC termination voltage is set by external resistor divider● CC charge mode● Maximum charge current: 600mA● Charge indication	SOP8
CN3801	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 4.5V to 28V● Complete charge controller for 1-cell LiFePO4 battery● Regulation voltage: $3.625V \pm 40mV$● CC/CV charge mode● Maximum charge current: 4A● On-chip MPPT function makes the device suitable for solar-powered system● Charge and termination indications	SSOP10
CN3705	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 7.5V to 28V● Complete charge controller for multi-cell lithium battery● Regulation voltage is set by external resistor divider● CC/CV charge mode● Maximum charge current: 5A● Charge and termination indications	TSSOP16

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Single-cell LiFePO₄ Battery Charger IC (Continued)

Part No.	Operating Mode	Features	Package
CN3722	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 7.5V to 28V● Complete charge controller for multi-cell lithium battery and LiFePO₄ battery● Regulation voltage is set by external resistor divider● CC/CV charge mode● Maximum charge current: 5A● On-chip MPPT function makes the device suitable for solar-powered system	TSSOP16