



Single-cell Lithium Battery Charger IC

Part No.	Operating Mode	Features	Package
CN3052A	Linear	<ul style="list-style-type: none">● Input voltage range: 4.35V to 6V● On-chip power MOSFET and block diode● Regulation voltage: $4.2V \pm 1\%$● CC/CV charge mode● Maximum charge current: 600mA● Charge and termination indications	SOP8
CN3062	Linear	<ul style="list-style-type: none">● Input voltage range: 4.35V to 6V● On-chip power MOSFET and block diode● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 600mA● Charge and termination indications	SOP8
CN3063	Linear	<ul style="list-style-type: none">● Input voltage range: 4.4V 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● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 600mA● Charge and termination indications	SOP8
CN3065	Linear	<ul style="list-style-type: none">● Input voltage range: 4.4V 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● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 1000mA● Charge and termination indications	DFN8

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Single-cell Lithium Battery Charger IC_(Continued)

Part No.	Operating Mode	Features	Package
CN3152	Linear	<ul style="list-style-type: none">● Input voltage range: 3.8V to 6V● On-chip power MOSFET and block diode● Regulation voltage: $4.2V \pm 1\%$● CC/CV charge mode● Maximum charge current: 1000mA● Charge and termination indications● Upgrade version of CN3052A	SOP8
CN3153	Linear	<ul style="list-style-type: none">● Input voltage range: 3.8V to 6V● On-chip power MOSFET and block diode● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 1000mA● Can be used as voltage source● Battery short protection● Charge and termination indications	SOP8
CN3162	Linear	<ul style="list-style-type: none">● Input voltage range: 3.8V to 6V● On-chip power MOSFET and block diode● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 1000mA● Charge and termination indications● Upgrade version of CN3062	SOP8



Single-cell Lithium Battery Charger IC_(Continued)

Part No.	Operating Mode	Features	Package
CN3761	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 4.5V to 28V● Complete charge controller for 1-cell lithium battery● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 4A● Charge and termination indications	SSOP10
CN3781	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 4.5V to 28V● Complete charge controller for 1-cell lithium battery● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● CC/CV charge mode● Maximum charge current: 4A● Charge current can be adjusted automatically based on the input supply's output capability● Suitable for the applications powered by the supply with limited output capability, such as USB port, etc.● Charge and termination indications	SSOP10
CN3791	Buck/Switch	<ul style="list-style-type: none">● Input voltage range: 4.5V to 28V● Complete charge controller for 1-cell lithium battery● Regulation voltage: $4.2V \pm 1\%$, can be adjusted by an external resistor● 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