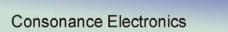


Single-cell Lithium Battery Charger IC

Part No.	Operating Mode	Features	Package
CN3052A	Linear	 Input voltage range: 4.35V to 6V On-chip power MOSFET and block diode Regulation voltage: 4.2V±1% CC/CV charge mode Maximum charge current: 600mA Charge and termination indications 	SOP8
CN3062	Linear	 Input voltage range: 4.35V to 6V On-chip power MOSFET and block diode Regulation voltage: 4.2V±1%, can be adjusted by an external resistor CC/CV charge mode Maximum charge current: 600mA Charge and termination indications 	SOP8
CN3063	Linear	 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±1%, can be adjusted by an external resistor CC/CV charge mode Maximum charge current: 600mA Charge and termination indications 	SOP8
CN3065	Linear	 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±1%, can be adjusted by an external resistor CC/CV charge mode Maximum charge current: 1000mA Charge and termination indications 	DFN8

(Continued on the next page)





Single-cell Lithium Battery Charger IC(Continued)

Part No.	Operating Mode	Features	Package
CN3152	Linear	 Input voltage range: 3.8V to 6V On-chip power MOSFET and block diode Regulation voltage: 4.2V±1% CC/CV charge mode Maximum charge current: 1000mA Charge and termination indications Upgrade version of CN3052A 	SOP8
CN3153	Linear	 Input voltage range: 3.8V to 6V On-chip power MOSFET and block diode Regulation voltage: 4.2V±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	 Input voltage range: 3.8V to 6V On-chip power MOSFET and block diode Regulation voltage: 4.2V±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)

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Part No.	Operating Mode	Features	Package
CN3761	Buck/Switch	 Input voltage range: 4.5V to 28V Complete charge controller for 1-cell lithium battery Regulation voltage: 4.2V±1%, can be adjusted by an external resistor CC/CV charge mode Maximum charge current: 4A Charge and termination indications 	SSOP10
CN3781	Buck/Switch	 Input voltage range: 4.5V to 28V Complete charge controller for 1-cell lithium battery Regulation voltage: 4.2V±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	 Input voltage range: 4.5V to 28V Complete charge controller for 1-cell lithium battery Regulation voltage: 4.2V±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