

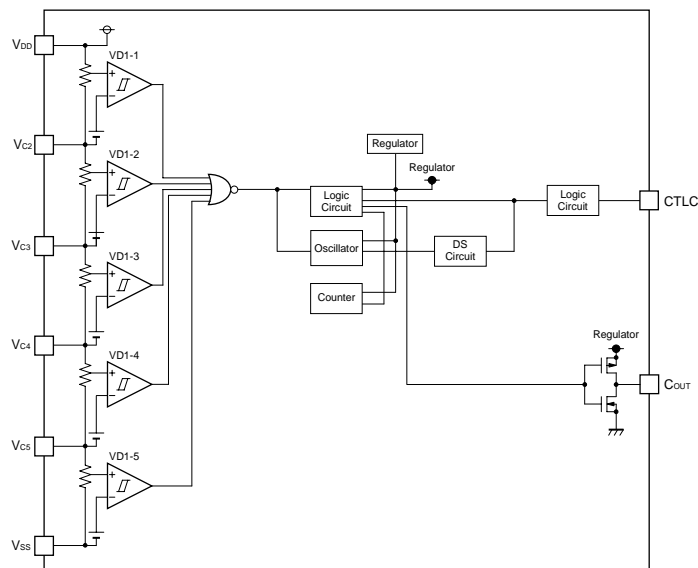
R5434D Series are high voltage second protection ICs for 2-5cells rechargeable Li-ion/Li-polymer batteries. Each of these ICs is composed of voltage detectors, reference units, a delay circuit, an oscillator, a counter and logic circuits. When each cell is detected over-charge, Cout outputs "H" and Fuse is cut down by turning off external Nch MOS FET. Charging is stopped. Output condition is CMOS. The package is SON-8.

FEATURES

- Supply Voltage (V_{DD})..... -0.3V to 30V / V_{C2} -0.3V ~ V_{C2} +6.5V (Absolute maximum Rating)
- Operating Input Voltage Range (V_{DD}) 4.0V to 25.0V
- Supply Current (I_{DD})..... Typ.3.0 μ s
- Over-charge Detector Threshold Range · 3.6V to 4.6V
- Over-charge Voltage Accuracy ± 25 mV
- Over-charge Delay time..... 1.5s
- Package SON-8

BLOCK DIAGRAMS

R5434D



SELECTION GUIDE

Halogen Free	Package	Quantity per Reel	Part No.
H/F	SON-8	3,000 pcs	R5434Dxxx\$*-TR-FE

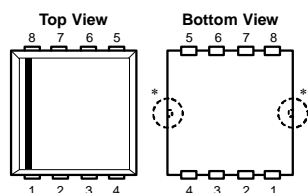
xxx: Serial Number for the R5434D Series designing input a threshold for over-charge.

*: Designation of protection type.

(A) Auto release after Over-charge.

PACKAGE

SON-8



1	V_{C5}
2	V_{C4}
3	V_{C3}
4	V_{C2}
5	V_{DD}
6	CTL
7	COUT
8	V_{SS}

APPLICATIONS

- Li-ion/Li polymer batteries second protector for over-charge.
- Over-charge second protections for notebook PCs, power tools, and any gadgets using on board Li-ion/Li Polymer battery.



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Ricoch continually strives to promote customer satisfaction, and shares the achievements of its management quality improvement program with people and society.



■ Ricoh awarded ISO 14001 certification.

The Ricoh Group was awarded ISO 14001 certification, which is an international standard for environmental management systems, at both its domestic and overseas production facilities. Our current aim is to obtain ISO 14001 certification for all of our business offices.

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Ricoh completed the organization of the Lead-free production for all of our products. After Apr. 1, 2006, we will ship out the lead free products only. Thus, all products that will be shipped from now on comply with RoHS Directive.