



# LC05111C05MTGEVB: Battery Protection Controller with Integrated MOSFET, 1-Cell Lithium-Ion Evaluation Board

The LC05111C05MTGEVB Evaluation Board is designed to effectively evaluate the LC05111CMT, which is a battery protection circuit for 1-cell lithium-ion secondary batteries with integrated power MOSFET. Also, it integrates highly accurate detection circuits and detection delay circuits to prevent batteries from over-charging, over-discharging, over-current discharging and over-current charging. A battery protection system can be made by only LC05111CMT and few external parts.



## Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
LC05111C05MTGEVB	Active	Pb-free	Battery Protection Controller with Integrated MOSFET, 1-Cell Lithium-Ion Evaluation Board	LC05111C05MTTGG	<a href="#">» Contact Local Sales Office</a>

## Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	LC05111C05MTGEVB Bill Of Materials (ROHS Compliant)	<a href="#">LC05111C05MTGEVB_BOM_ROHS.pdf - 72 KB</a>	0
Eval Board: Gerber	LC05111C05MTGEVB Gerber Layout Files (Zip Format)	<a href="#">LC05111C05MTGEVB_GERBER.zip - 1589 KB</a>	0
Eval Board: Schematic	LC05111C05MTGEVB Schematic	<a href="#">LC05111C05MTGEVB_SCHEMATIC.pdf - 126 KB</a>	0
Eval Board: Test Procedure	LC05111C05MTGEVB Test Procedure	<a href="#">LC05111C05MTGEVB_TEST_PROCEDURE.pdf - 274 KB</a>	0

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