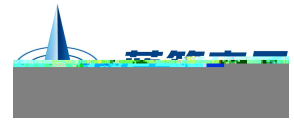


[illegible]



/ Descriptions

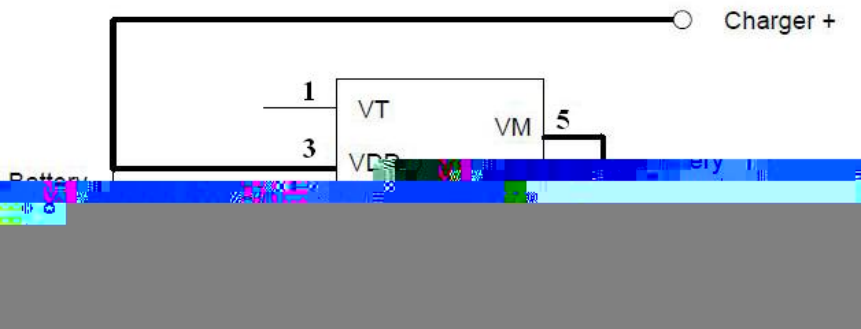
/ Features

-

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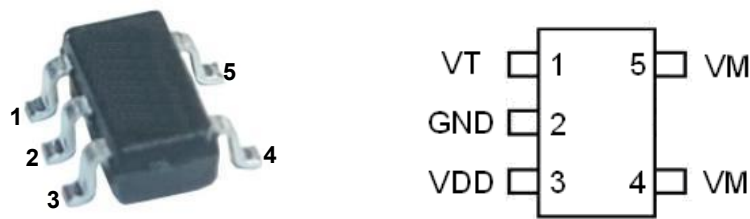
/ Applications

/ Typical Application



:

/ Pinning



/ Marking



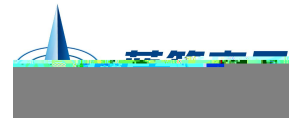
			°C
			°C
			°C
			°C
			°C
			°C

Detection voltage						

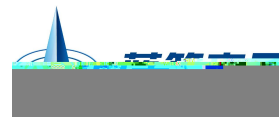
& \$ 0 0 SC 0 Tr 5.0 \000# 7 \$ "



Equivalent FET on Resistance						
		,				
Over temperature protection						
						°C
						°C
Delay time						



Functional Description



Overcharge Condition

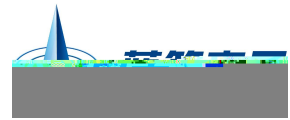
Overdischarge Condition



Overcurrent Condition

Abnormal Charge Current Detection

Load Short-circuiting Condition



0V Battery Charging Function

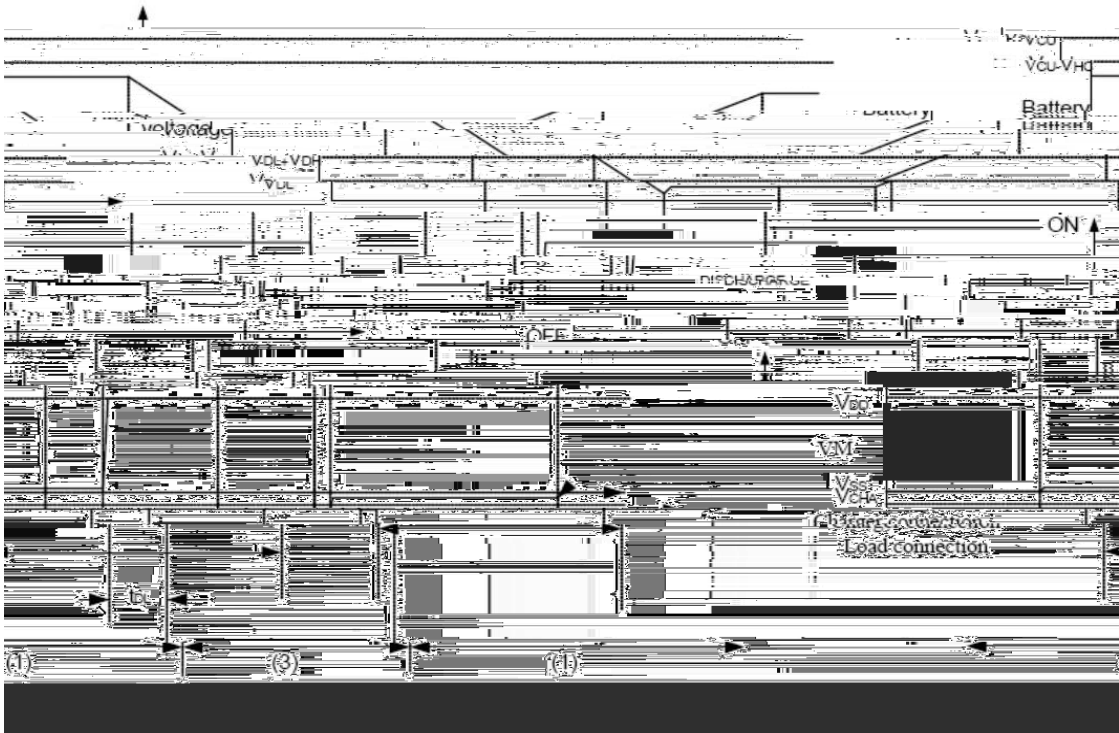
The timing diagram illustrates the sequence of events for the battery charger circuit. It shows the battery voltage (V_{BATT}) and the control signals V_{CU}/V_{HC} and V_{CU}/V_{HL} . The diagram is divided into two main sections: (1) and (2). In section (1), the battery voltage is shown rising and then falling, with the V_{CU}/V_{HC} signal transitioning from ON to OFF and then back to ON. In section (2), the battery voltage is shown rising and then falling, with the V_{CU}/V_{HL} signal transitioning from ON to OFF and then back to ON. The diagram also includes labels for CHARGE, DISCHARGE, and OFF states.

The diagram shows the timing of various signals during a charge cycle. The signals include VCU, VCHG, VCHG, VDL+VDH, VDL, ON, DISCHARGE, and OFF. The diagram illustrates the sequence of events during a charge cycle, including the connection of the charger and the load, and the resulting voltage and current waveforms.

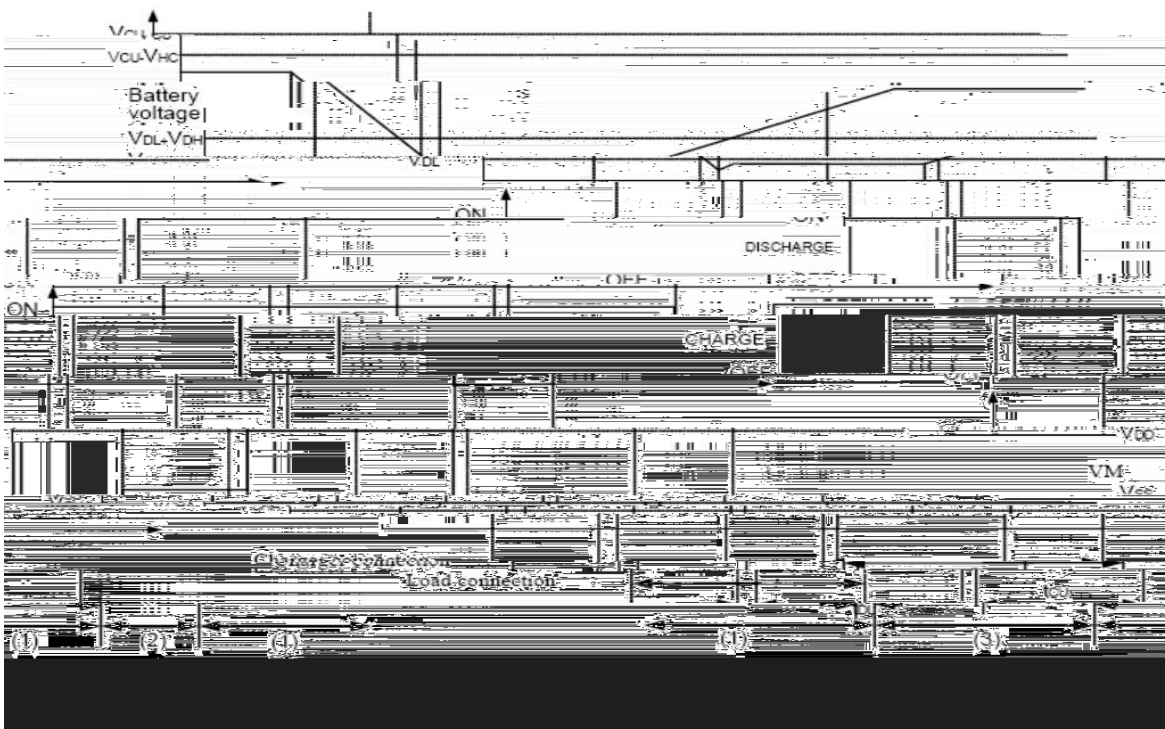


Timing Chart

Charger Detection

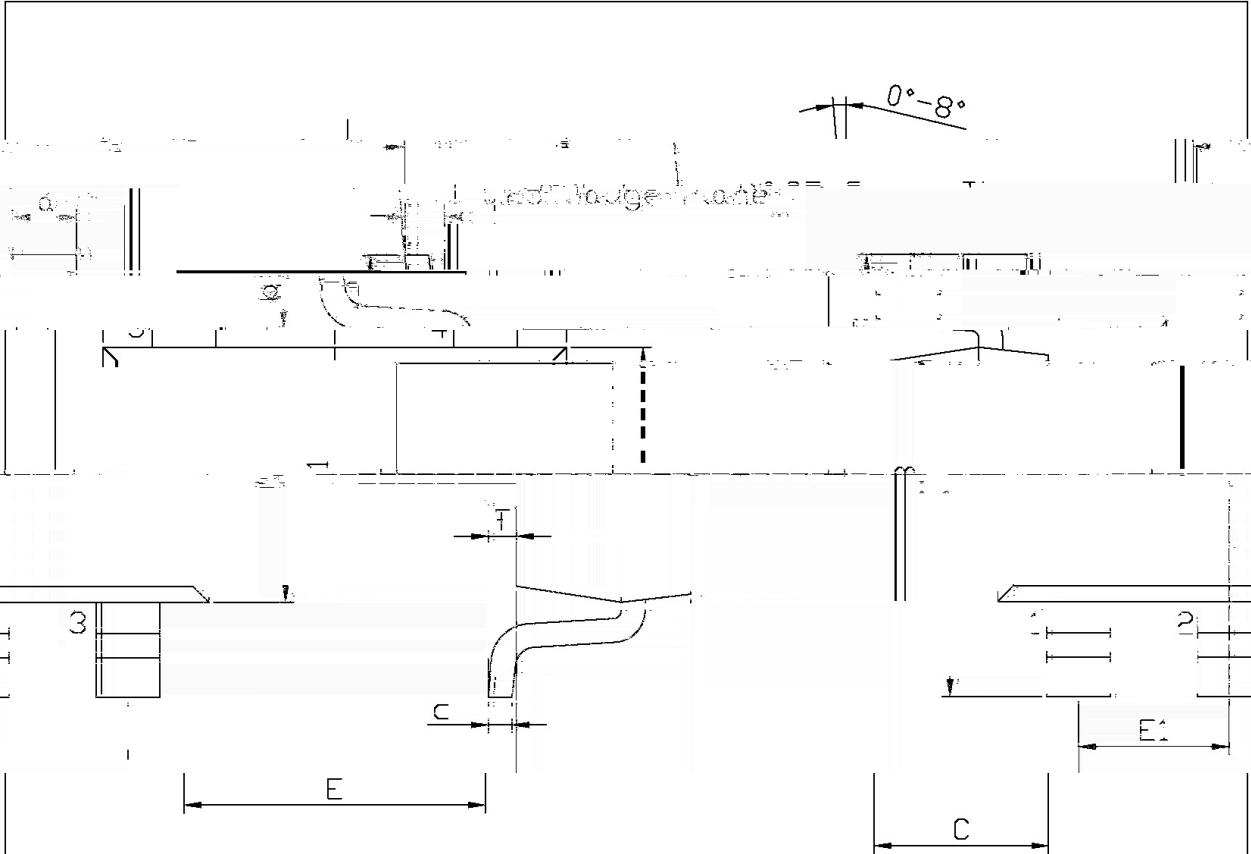


Abnormal Charge Detection





/ Package Dimensions



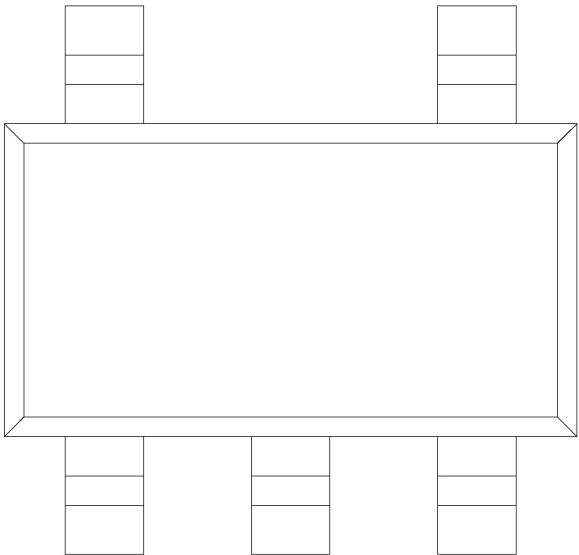
Unit: mm

Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max



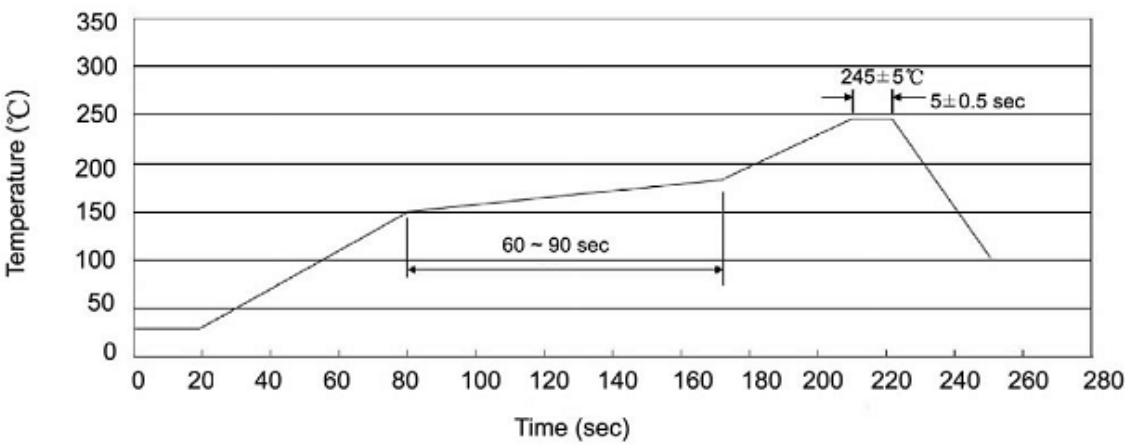


/ Marking Instructions





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/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

Package Type	Units					Dimension (unit mm ³)		
						Reel	Inner Box	Outer Box
SOT23-5/6	3,000	10	30,000	4	120,000	7" ×8	210×205×205	435×225×420

/ Notices