

/Parameter

/Symbol

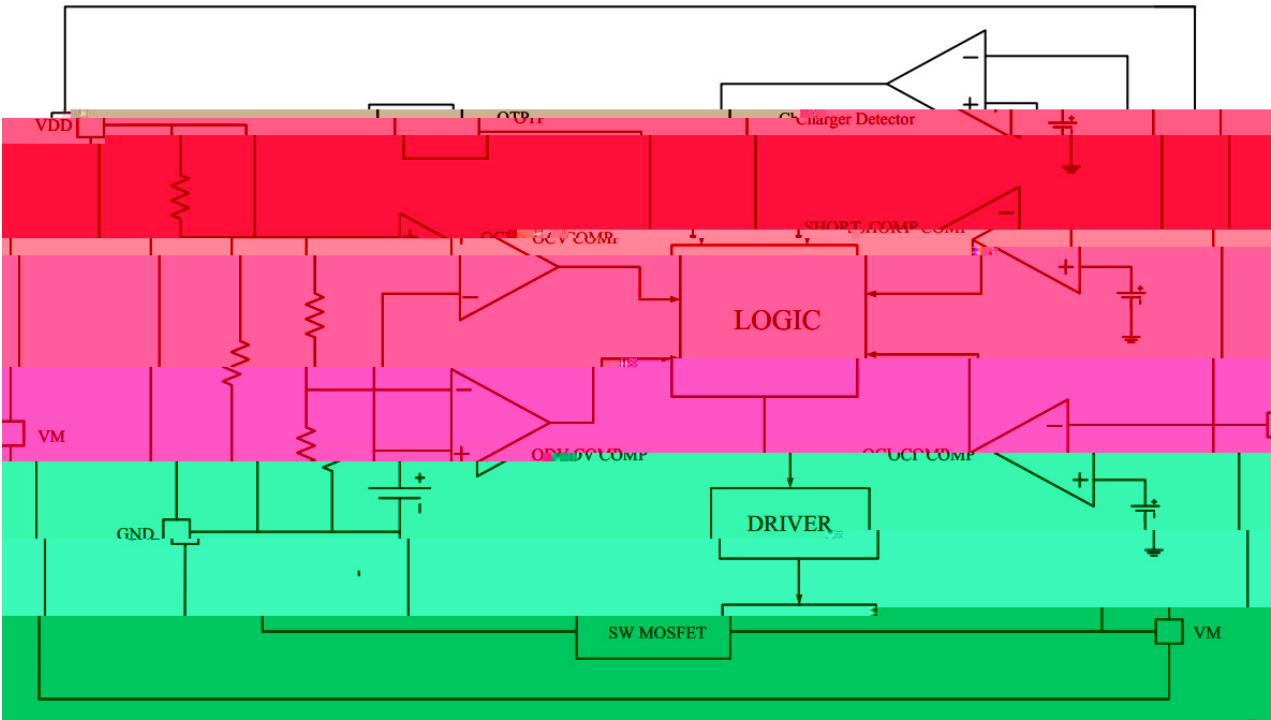
/ Electrical Characteristics(Ta=25)

Parameter	Symbol	Test Condition	Min	Typ	Max	Unit
Over temperature protection						
Over-temperature protection	OTP			145		
Over-temperature protection release temperature	OTPR			120		
Detection delay						
Overcharge Voltage Detection Delay Time	T _{OCV}			100		ms
Overdischarge Voltage Detection Delay Time	T _{ODV}			100		ms
Overdischarge Current1 Detection Delay Time	T _{IOV1}			8		ms
Overdischarge Current2 Detection Delay Time	T _{IOV2}			2		ms
Load Short-Circuiting Detection Delay Time	T _{SHORT}			150		μs

* (OTP) OTPR

*

/ FunctionI Block Diagram



/ Charger Detection

V_P
 $+V_{RGV}$, EUF06453FZV

$+V_{FKD}$,

0V / 0V Battery Charging Function

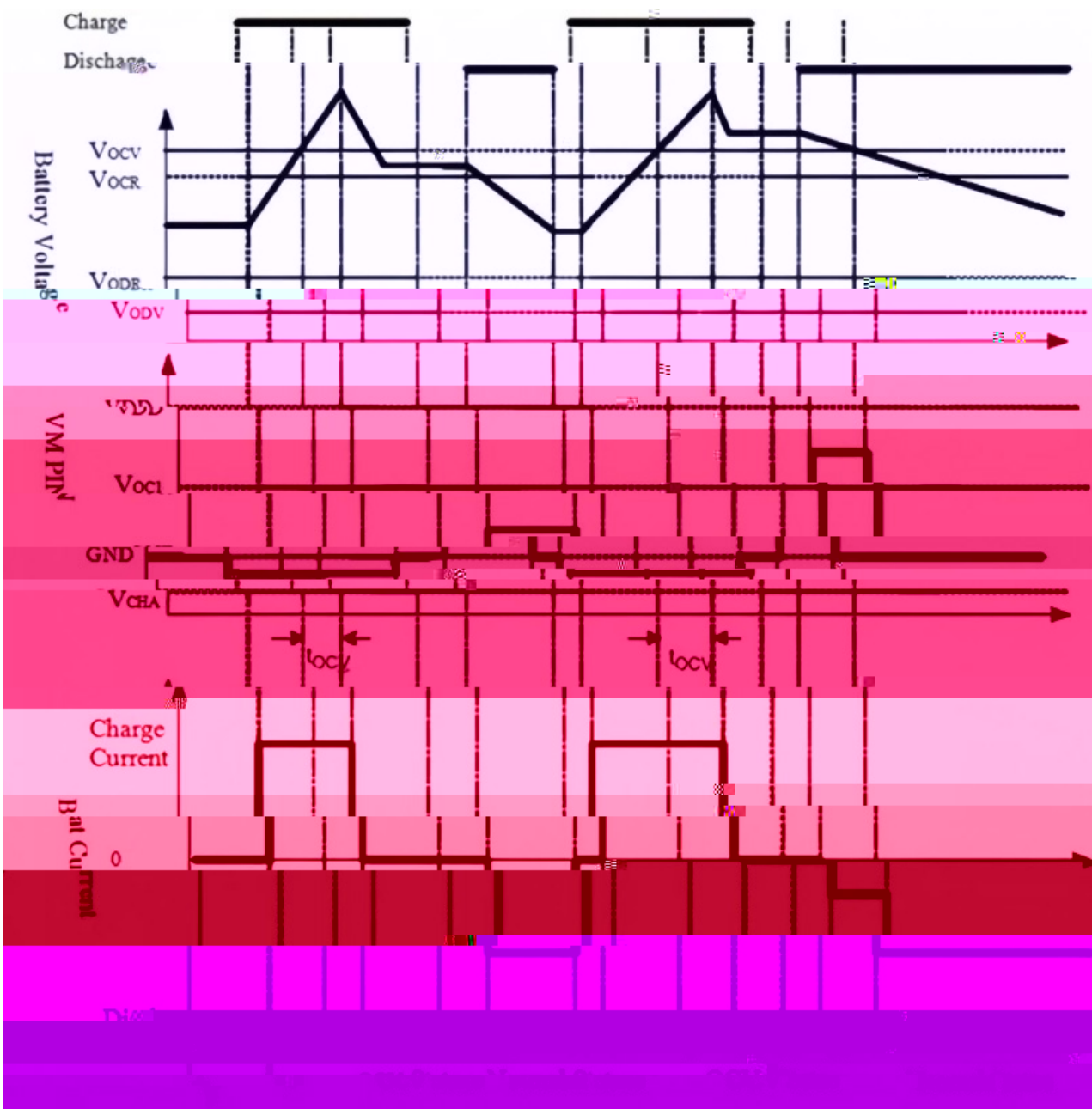
3V
516V

516V
533 pD

PRV

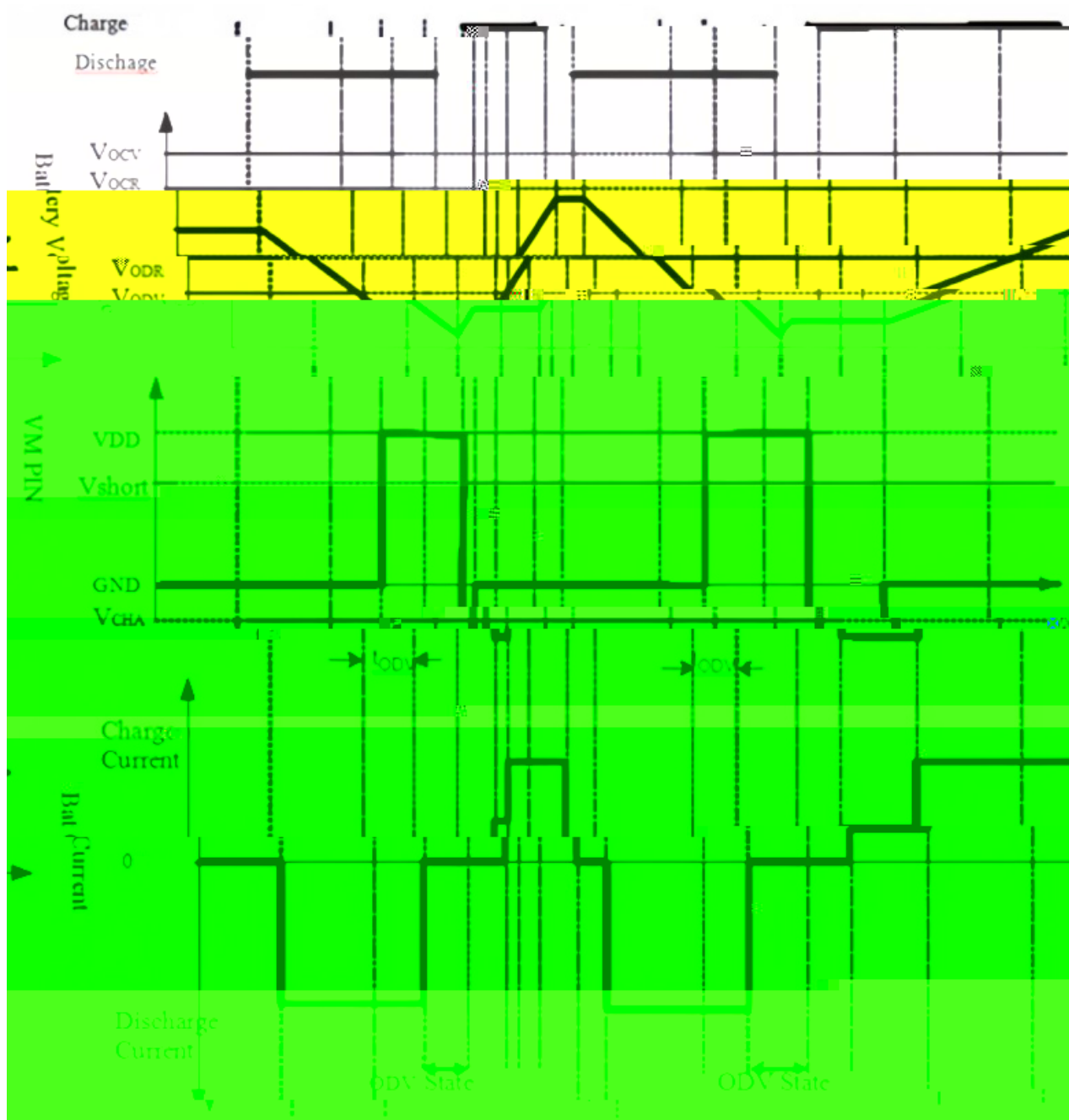
/ Timing Chart

→ → / Overcharge → Discharge → Normal Operation.



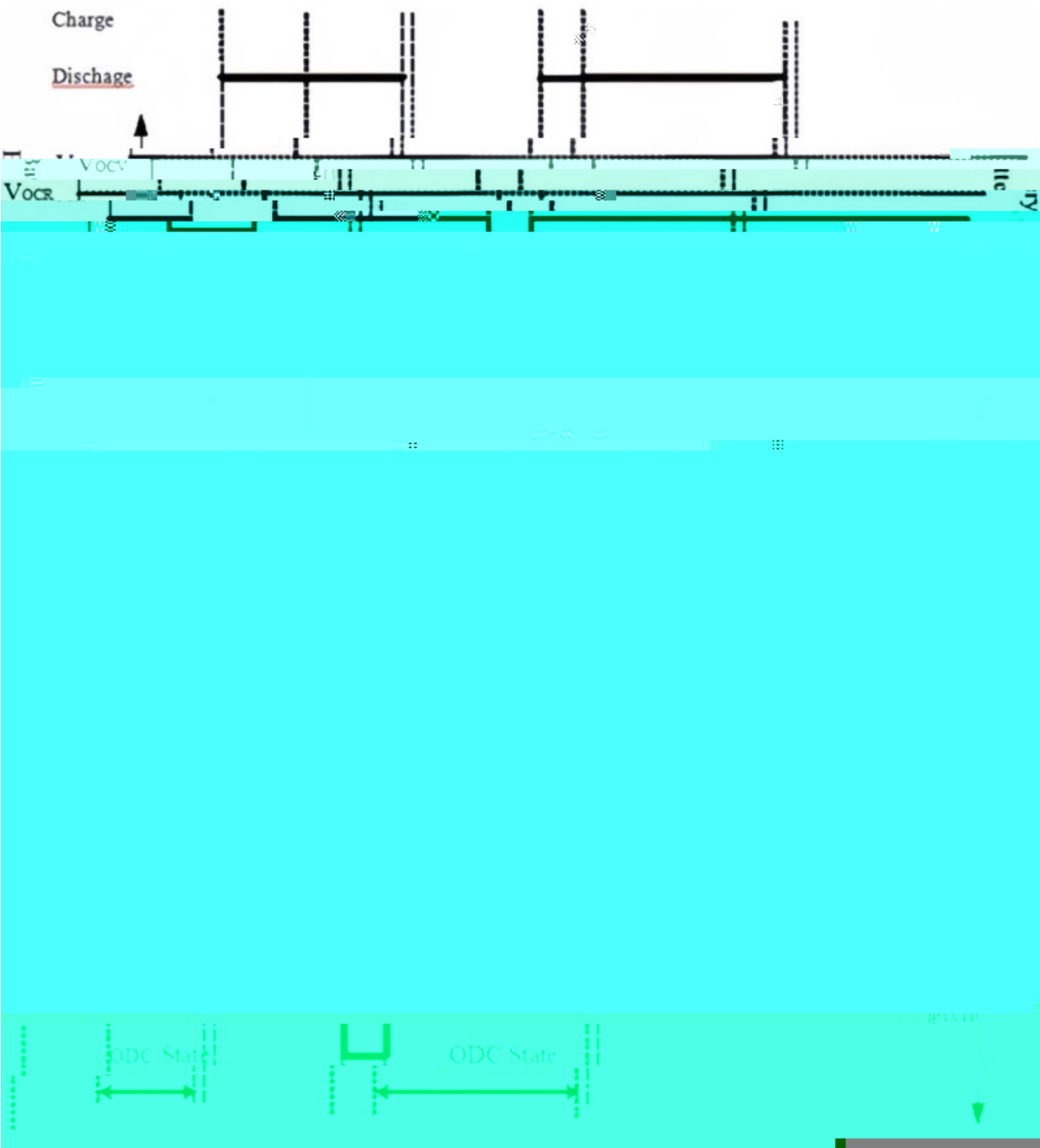
/ Timing Chart

→ → / Overdischarge → Charging → Normal Operation.



/ Timing Chart

→ / Discharge Overcurrent → Normal Operation.



BRCL3120CZV

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DATA SHEET

