BRCL3120CZV

Rev.A Feb.-2026

Ώ/Parameter ϒ N /Symbol

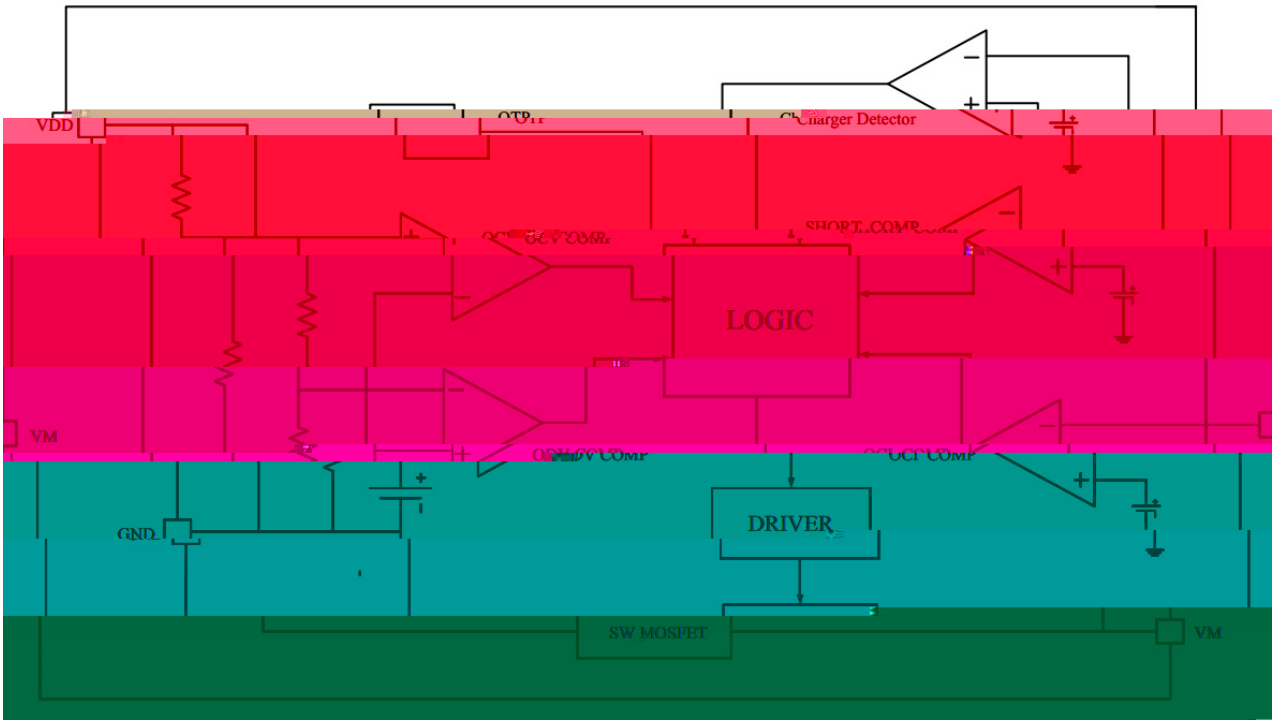
/ Electrical Characteristics(Ta=25)

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		s

*ص□ ï (OTP) χ ъ ₅ Õ ₹ ó ն ª ñ □ ỷ ں₆ OTPR ï ゟ ᗡ ₅ Õ ڑ ὴ ₄ ሀ☼ ╕

* ï ĩ ╨ ; χ ص ╚ ЛЬ˜ ث ï ĩ ▨ ╨ ; á ɲ Ẃ □ ĭ ï ف Φ گ ₿ ╨ ; ص ۱ ゟ ᗡ ┘ □ ∧ ص ъ ‖ ں .

/ Functionl Block Diagram



/ Charger Detection

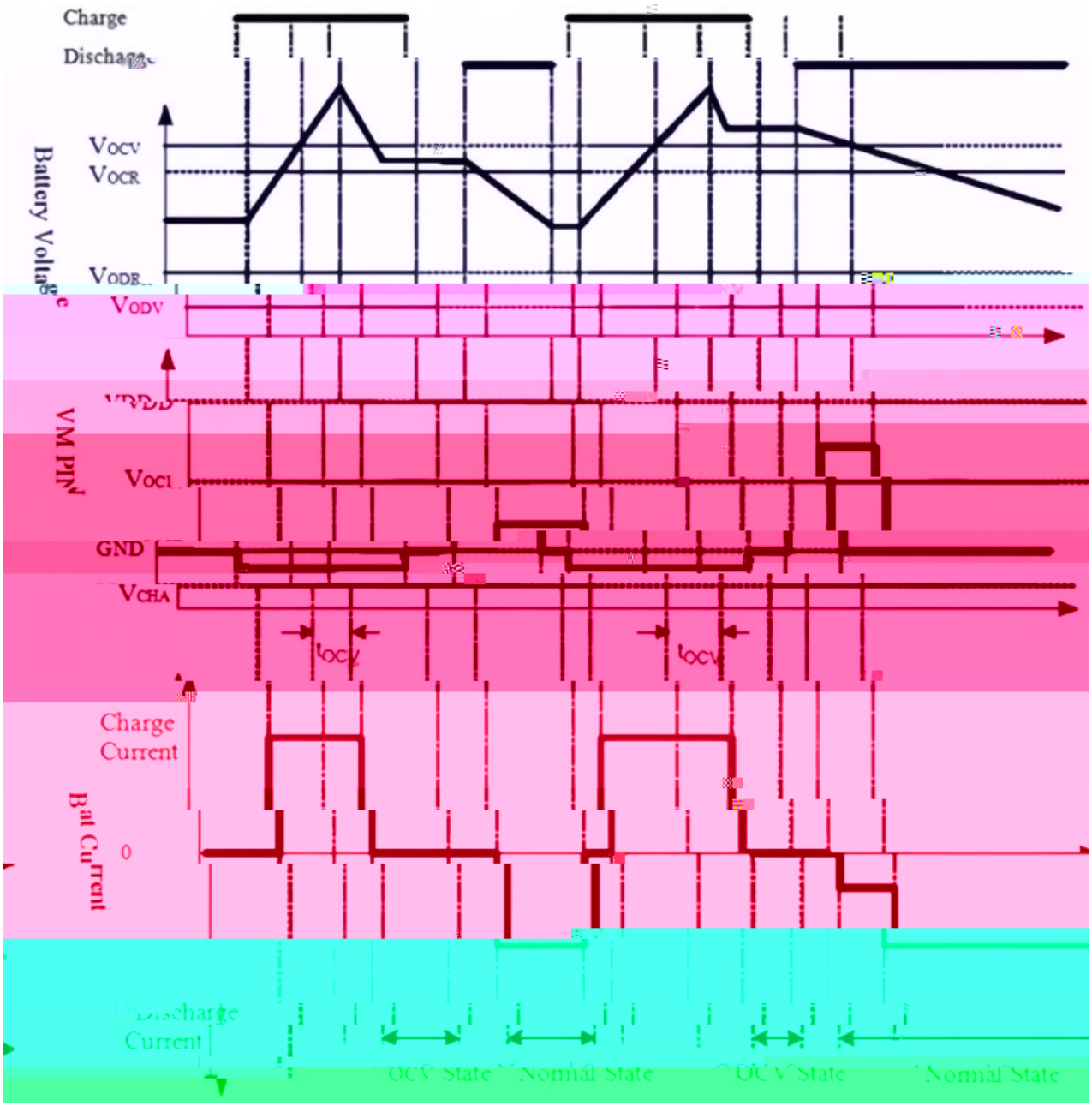
Ę ⁺V$_{FKD}$, Ę ⁺V$_{RGV}$, EUF06453FZV

0V / 0V Battery Charging Function

3V 516V 516V 533 p D

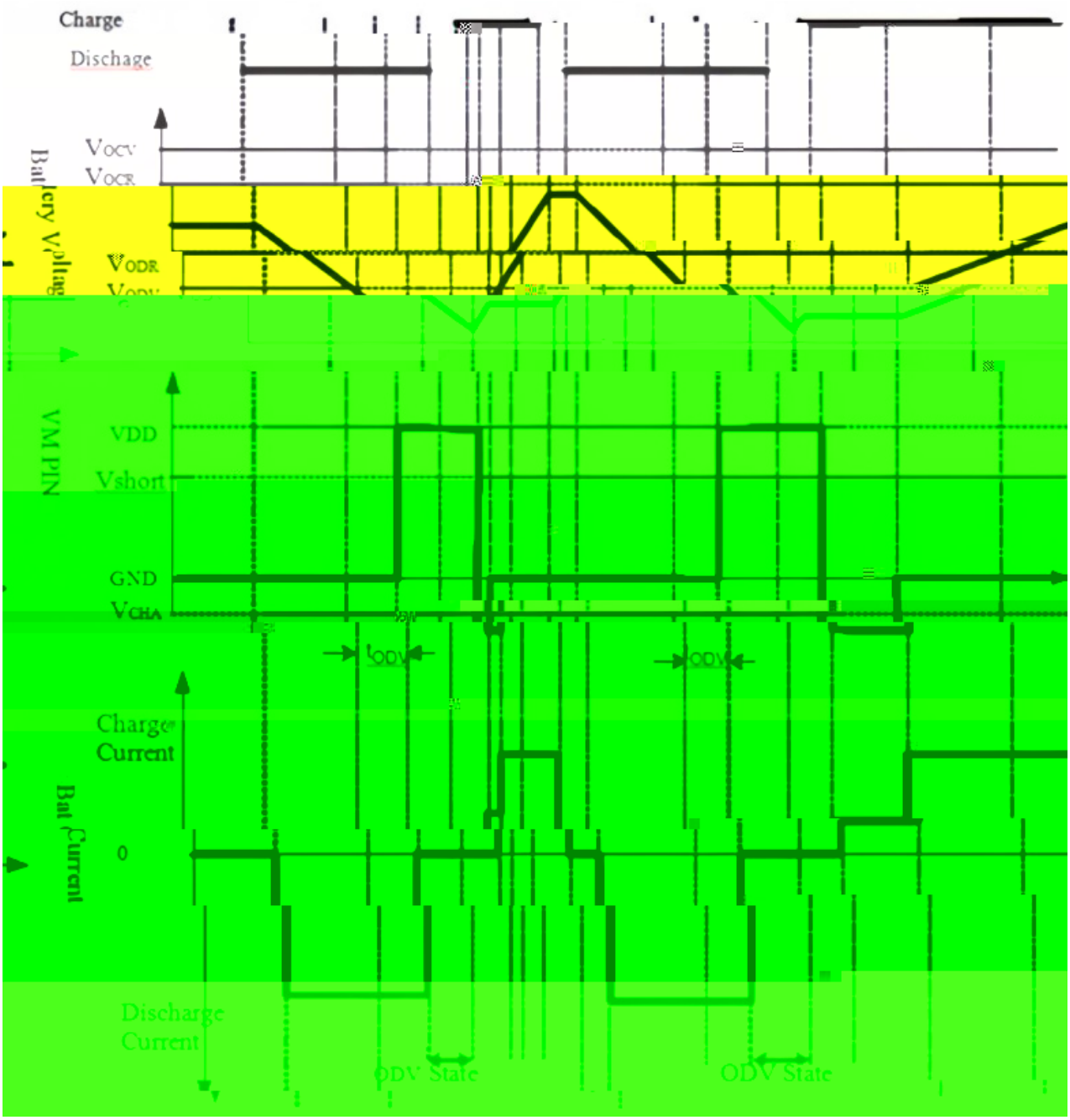
/ Timing Chart

→ → / Overcharge → Discharge → Normal Operation.



/ Timing Chart

→ → **/ Overdischarge → Charging → Normal Operation.**



/ Timing Chart

→ **/ Discharge Overcurrent → Normal Operation.**

