

BRCL4056CSE

Rev.B Mar.-2026



DATA SHEET

BRCL4056CSE

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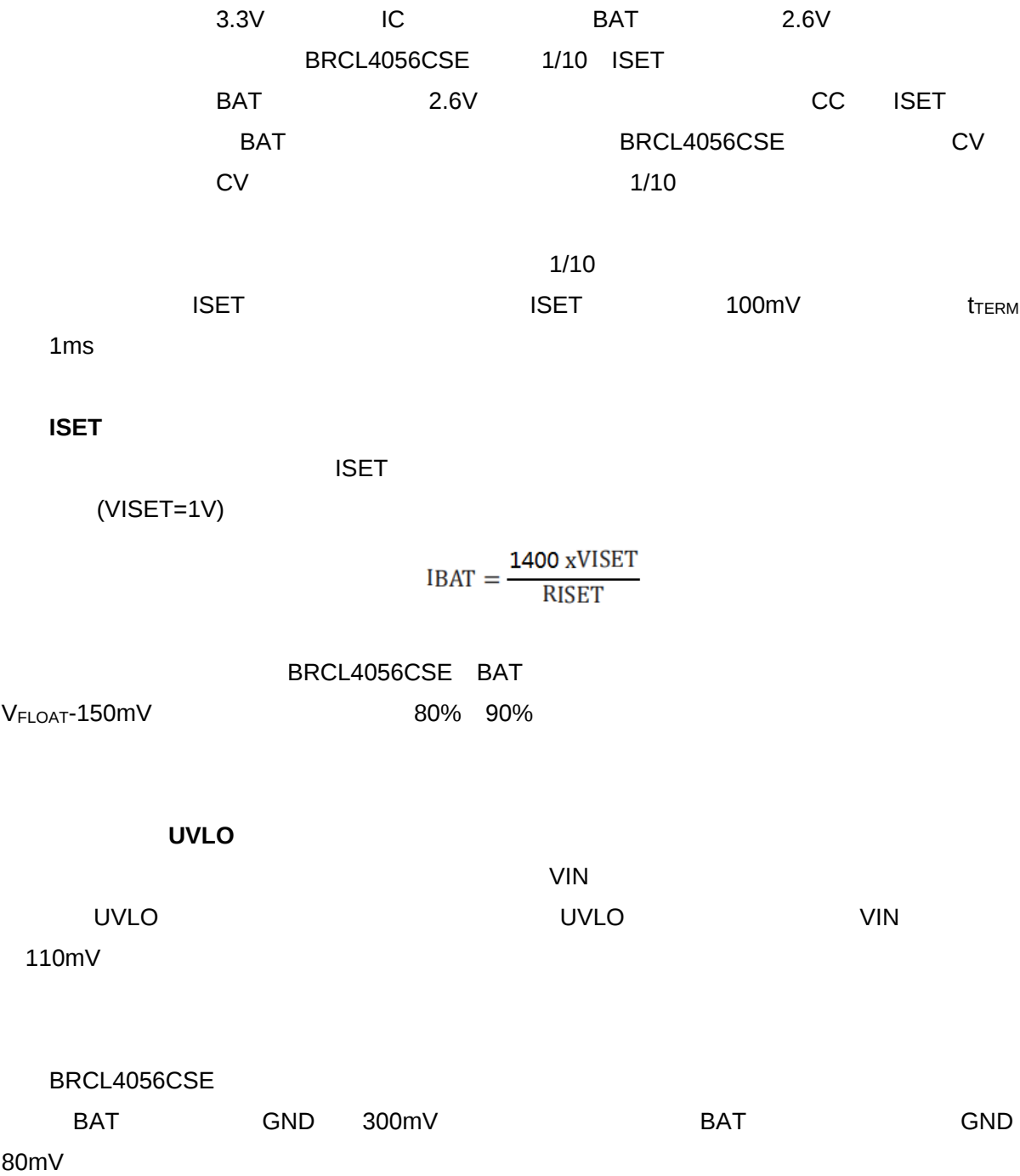
PARAMETER	SYMBOL	RATINGS	UNITS
Input Supply Voltage	V_{IN}	-0.3~10	V
BAT Pin Voltage	V_{BAT}	-0.3~10	
Other Pin Voltage	V_{Other}	-0.3~6.5	
Operating Ambient Temperature Range	T_A	-40~+85	°C
Junction Temperature	T_J	150	°C
Storage Temperature	T_{stg}	-55~+150	°C
Lead Temperature (Soldering, 10s)	T_{solder}	260	°C
ESD	HBM	2000	V
	MM	200	V
Continuous Output Current	I_O	1.0	A

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
Input Supply Voltage	V_{IN}		4.5	5.0	6.0	V
Input Power Supply Current	I_{IN}	V_{BAT}				

PARAMETER	SYMBOL	CONDITIONS	MIN	TYP	MAX	UNITS
BAT Pin Current	I _{BAT}	R _{ISET} =14k, Constant Current Mode		100		mA
		R _{ISET} =2.8k, Constant Current Mode		500		mA
		R _{ISET} =1.4k, Constant Current Mode		1000		mA

RT

/ Function description



CHRG FULL

CHRG

FULL

	LED/CHRG	LED/FULL

BRCL4056CSE

TS

NTC PTC

BRCL4056CSE

VTS-L VTS-H

VTS-L VTS-H

VIN

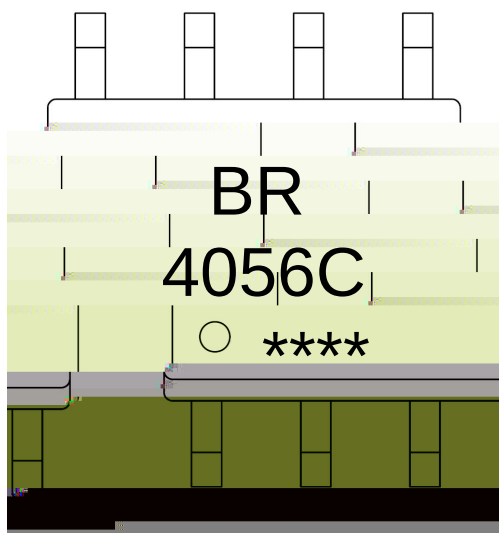
VIN

TS

/ Package Dimensions



/ Marking Instructions



EU

7389F

Note:

BR: Company Code

4056C: Product Type Code

**** : Lot No. Code, code change with Lot No

() / Temperature Profile for IR Reflow Soldering(Pb-Free)

Note:

1 150 180% 60