

Pin assignment

SSON-8F SSON-8G

(Top view)	Pin no.	Symbol	Function
	1	CNT	Control terminal for charge and discharge FET
	2	VM	Input terminal for charger negative voltage
	3	COUT	Control terminal for charge FET
	4	DOUT	Control terminal for discharge FET
	5	VDD	Input terminal for negative power supply voltage
	6	VSS	Input terminal for positive power supply voltage
	7	CS	Input terminal for overcurrent detection
	8	TH	Input terminal for temperature detection

LINE UP

Model	Overcharge detection	Overdischarge detection	Discharging overcurrent detection 1	Discharging overcurrent detection 2	Charging overcurrent detection	Short detection1	Temperature detection resistance	Overcharge detection latch function	Overdischarge detection latch function	Discharging overcurrent latch function	Charging overcurrent latch function	0V battery charge function	Temperature detection function	Delay time *1
	Vdet1	Vdet2	Vdet3-1	Vdet3-2	Vdet4	Vshort1	RdetTH							
	V	V	mV	mV	mV	V	---							
MM3855AJ1	4.475	2.400	35.0	50.000	-35.0	100.0	90kΩ	Disable	Disable	Disable	Enable	Permission	Enable	(A)
MM3855AL1	4.475	2.500	20.5	29.500	-26.5	70.0	No function	Disable	Disable	Disable	Enable	Permission	Disable	(B)
MM3855AL2	4.475	2.500	22.5	No function	-21.0	100.0	No function	Disable	Disable	Disable	Enable	Permission	Disable	(C)
MM3855EN5	4.470	2.465	13.0	No function	-15.0	50.0	90kΩ	Enable	Enable	Disable	Enable	Permission	Enable	(D)
MM3855EN7	4.450	2.600	36.0	No function	-21.0	90.0	48kΩ	Enable	Enable	Disable	Enable	Permission	Enable	(E)

Delay time *1

	tVdet1	tVdet2	tVdet3-1	tVdet3-2	tVdet4	tShort1	tCDGdet	tRdetTH
	sec	msec	msec	msec	msec	μsec	msec	msec
A	1.024	64	4096	16	16	280	48	512
B	1.024	64	4096	16	16	280	48	No function
C	1.024	20	16	No function	16	300	48	No function
D	1.024	128	8	No function	8	250	48	512
E	1.024	2048	2048	No function	8	280	48	64

*Please inquire to us, if you need another spec.