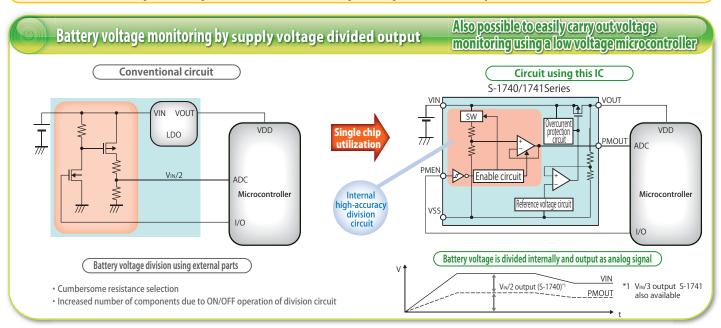
Supply Voltage Divided Output, 5.5V Input, 100mA, 0.5 μ A Super Low Current Consumption

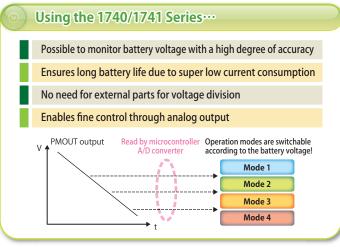


CMOS VOLTAGE REGULATOR

S-1740/1741 Series

- 🏀 An industry first! Possible to divide and output voltage by a built-in supply voltage divided output
- Carries out voltage monitoring without any external parts when using a low voltage microcontroller
- **6** Achieves world top class super low current consumption operation of $0.5 \mu A!!$

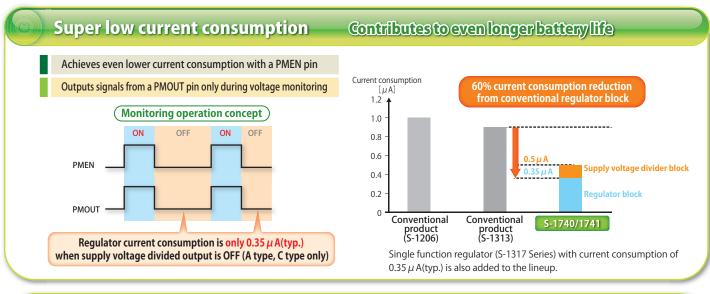


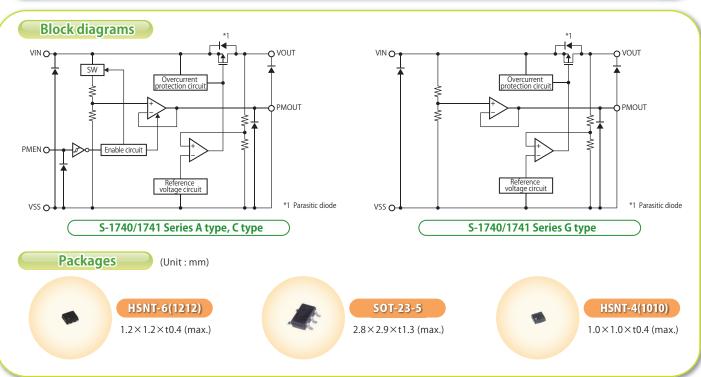




Specifications

ltem		S-1740 Series			S-1741 Series		
Product type		A type	C type	G type	A type	C type	G type
Regulator block	Output voltage	1.0 to 3.5V (selectable in 0.05V steps)					
	Input voltage	1.5 to 5.5 V					
	Output voltage accuracy	$\pm 1.0\%$ (1.0 to 1.45V output product: ± 15 mV)(Ta=+25°C)					
	Dropout voltage	20mV typ.(louт=10mA Vouт=2.5V)(Ta=+25°C)					
	Output current	100mA					
Supply voltage divider block	Output offset voltage	± 30 mV($V_{IN}=3.6$ V, -10μ A $\leq I_{PMOUT}\leq 10\mu$ A)					
	Built-in enable circuit	Active "H"	Active "L"	Without PMEN pin	Active "H"	Active "L"	Without PMEN pin
Overall	Current consumption during operation	0.5 µ A typ. (Ta=+25℃)					
	Operation temperature range	Ta=−40 to +85°C					
Package		HSNT-6(1212),SOT-23-5		HSNT-4(1010)	HSNT-6(1212),SOT-23-5		HSNT-4(1010)







ABLIC Inc.

www.ablic.com

Contact us www.ablic.com/en/semicon/sales

