GS2231/2251 Promotion

GLOBALTECH
GS2823/2803/2813 Promotion

Objective

1. Benefits for Customers
2. Portfolio
3. Potential business
4. Sample Application Circuit
5. Outline & Packaging

Benefits for Customers

Designers

- V_{DROP}: 0.2V at 300mA (Typ)(Vout=3V)
- Output Current: 300mA
- High Ripple Rejection: 80dB (f=1kHz)
- Output Voltage: Vout≥2V (Accuracy ±1.0%)
  Vout<2V (Accuracy ±20mV)
- Low Supply Current: 150μA
- Standby Current: 0.1μA
- EN Function: Active High
- Fixed Output Voltage: 1.2V to 4.0V

- Cost saving, Quality, Good performance.

Compare price–performance ratio

		Globaltech	RT/UPI/Anpec
Design		★★★★★	★★★★★
Foundry	Process	★★★★★	★★★★★
	Quality	★★★★★	★★★★★
	Cost	★★★★★	★★★★
Assembly	Quality	★★★★★	★★★★★
	Cost	★★★★★	★★★★
Summary		Win ✓✓✓	✓✓

CMOS LDO Serials

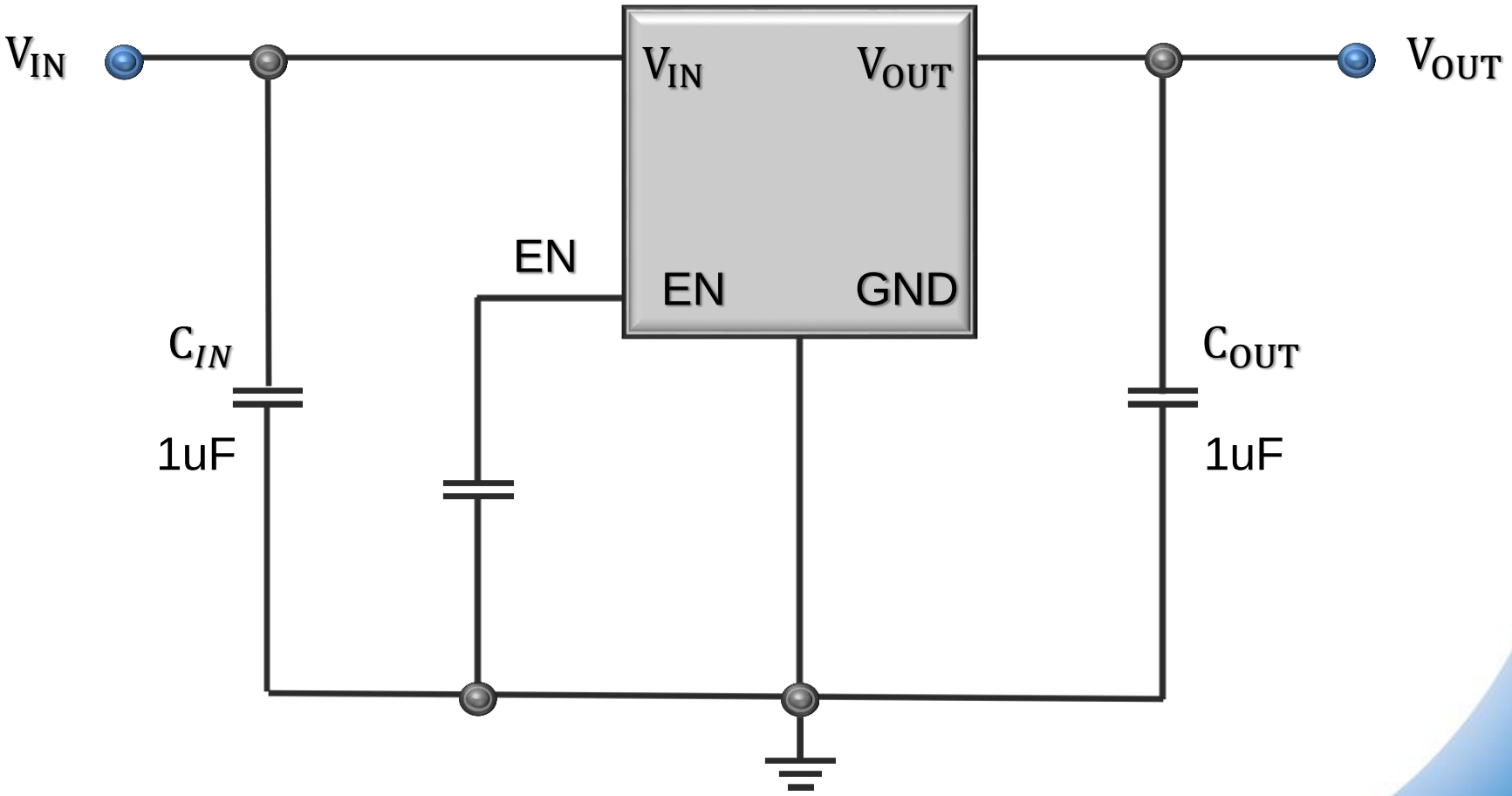
- GS2813 (XC6219/ AP7331_5/ FP6146)
- GS2803 (XC6215/AP2138_9/RT9063)
- GS2823 (GS2823 and XC6238 pin to pin)

	Supply Voltage	Iout (A)	Output Voltage	Dropout Voltage	IQ(mA)	**Accuracy** %	PSRR @1KHz	Enable	Package Type
GS2813	2-6	0.3	Fixed(1/1.2/1.5/ 1.8/2.5/2.8/3/3.3)	0.45V	0.025	2	65dB	✓	SOT-23 SOT-23-5L
GS2803	1.5-5.5	0.25	Fixed(1.2/1.5/ 1.8/2.5/2.8/3/3.3)	0.17V	0.001	1	-	✓	SOT-23 SOT-23-5L DFN1x1-4L
GS2823	1.6-5.5	0.3	Fixed(1.2/1.5/ 1.8/2.5/2.8/3/3.3)	0.15V	0.1	1	80dB	✓	SOT-23 SOT-23-5L DFN1x1-4L

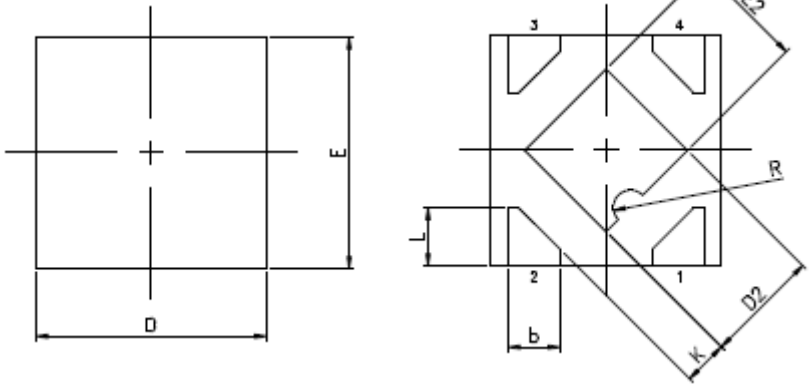
Applications

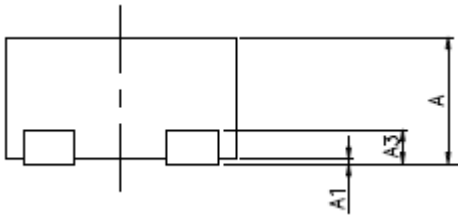
- Mobile Devices
- Portable Communication Equipment
- Modules
- Hand-Held Instruments
- Wireless Communications

Sample Application Circuit



DFN1x1-4L





Pin No	Pin	Pin Function
1	V_{OUT}	The pin is the power output of the device
2	GND	Ground Pin
3	EN	Enable Input. Pulling this pin below 0.3V turn the regulator off, reducing the quiescent current to a fraction of its operating value. The device will be enabled if this pin is left open. Connect to VIN if not being used.
4	V_{IN}	Power Supply Input

THANK YOU