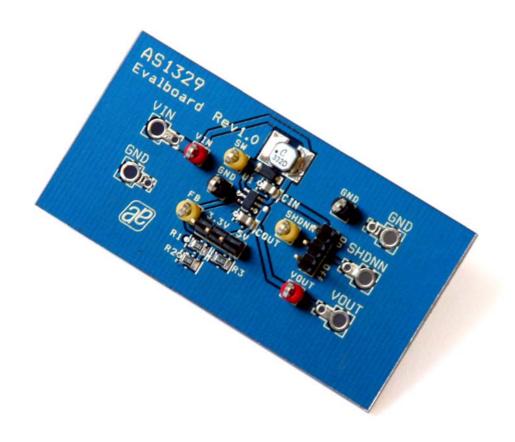


AS1329

Evaluation Board Application Note





General Description

Board Description

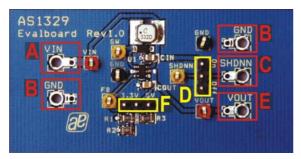


Figure 1: Board Description - Connector

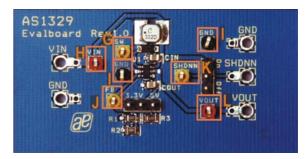


Figure 2: Board Description - Measurements Points

Connector Description

Label	Jumper	Description	Info		
Α	Vin	Power Supply Connectors for Vin and	+0.85	+0.85V to Vout	
В	GND	Ground.			
С	SHDNN	Active-Low Logic Shutdown Input	₽	1/ON = The AS1329 is on.	
D	On / Off	SHDNN Shutdown Jumper	Ē	0/OFF = The AS1329 is off and the current into Vin is ≤1µA (typ).	
Е	Vout	Power Output Connector	3.3V = Fixed Output Voltage 3.3V		
F	3.3V / 5V	Output Voltage Jumper	•===	5V = Fixed Output Voltage 5.0V	

Measurement Points Description

Label	Jumper	Description	Info
G	SW	External Inductor	
Н	Vin	Power Supply Connectors for Vin and	
I	GND	Ground.	Measurement Points
J	FB	Feedback Voltage Connector	iviedsurement Foints
K	SHDNN	Active-Low Logic Shutdown Input	
L	Vout	Power Output Connector	

Operational sequence

- If not present get the datasheet for the AS1329 from www.austriamicrosystems.com. Drive the IC on the evaluation board only
 with the recommended settings and values as described in the datasheet.
- 2. Connect a +0.85V to Vout power supply (Vin "A" and GND "B").
- 3. Perform measurements at the measurement points.

Have fun using the Demoboard. If there are questions do not hesitate to contact us. See contact information at the end of the application note.



Layout of demoboard

Board schematics and layout

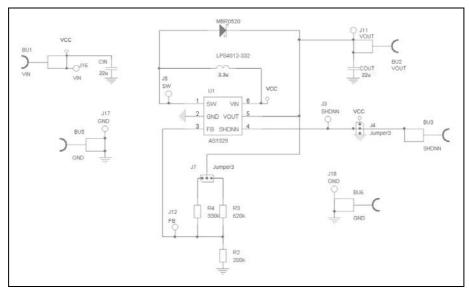
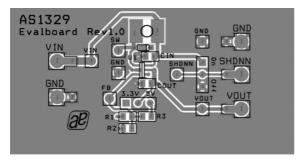


Figure 3: Schematics



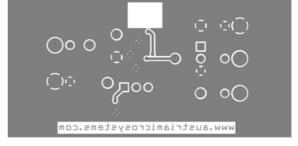


Figure 4: Top view

Figure 5: Bottom view

Assembly List

Label	Info	Туре	Manufacturer
Cin	22uE 6 2V 0805 V5D	GRM21BR60J226ME39L	Murata
Cout	22μF, 6.3V, 0805, X5R	GRIVIZ I BROUJZZOIVIE 39L	iviurata
L1	3.3μH, 1.4A, 0.1Ω	LPS4012-332MLB	Coilcraft



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