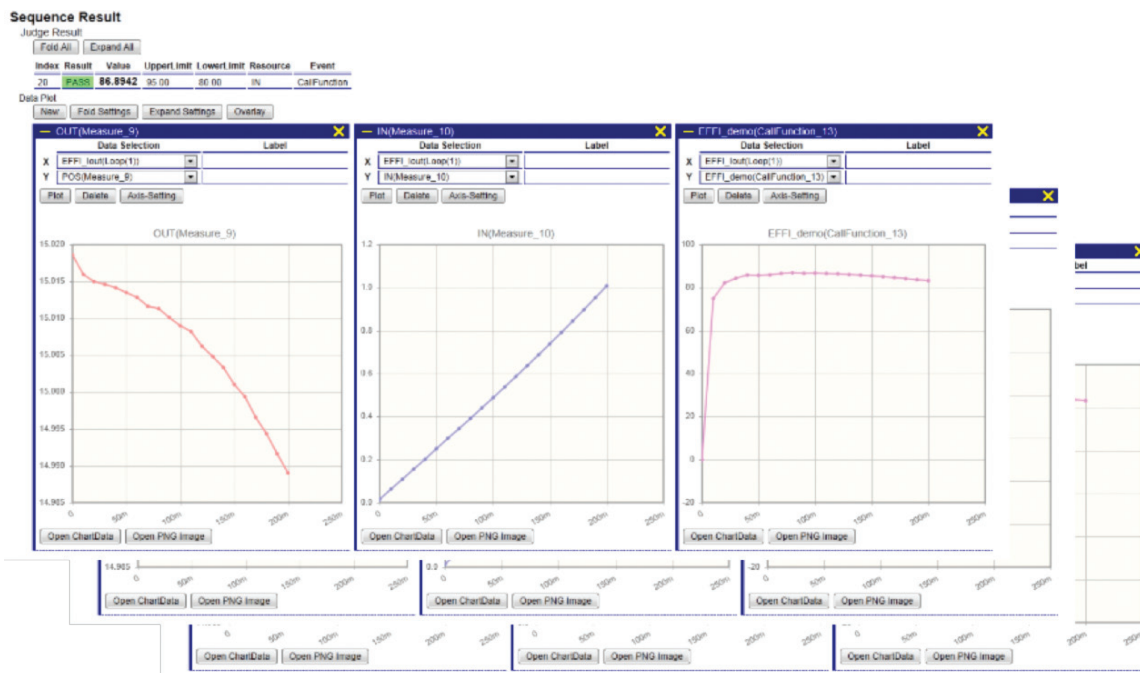


# DC-DC Converter ICs Evaluation

EVA100 MEASUREMENT SYSTEM



**SMART SOLUTION FOR DC-DC CONVERTOR ICs**



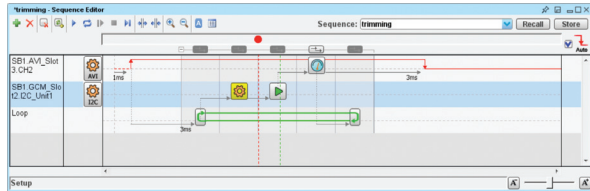
I2C,SPI,JTAG protocol support control through native register commands & integrated smart analog VI source and monitor

■ Evaluate Digital controlled power IC

- Easy protocol command set up
- Direct access to register
- Synchronized measurement with I2C, SPI command



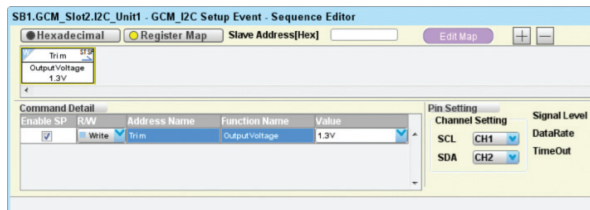
TEST SEQUENCE SETTING



REGISTER MAPPING SETUP

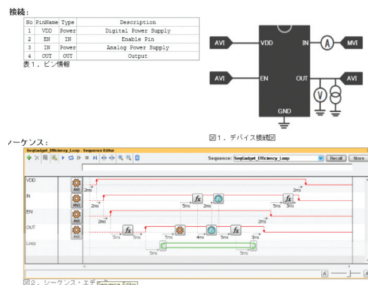
Bit Location (Bin)	Mapping Name
000	1.0V
001	1.1V
010	1.2V
011	1.3V
100	1.4V
101	1.5V
110	1.6V
111	1.7V

WRITE REGISTER COMMAND



■ Easy measurement setup

- Use setting template

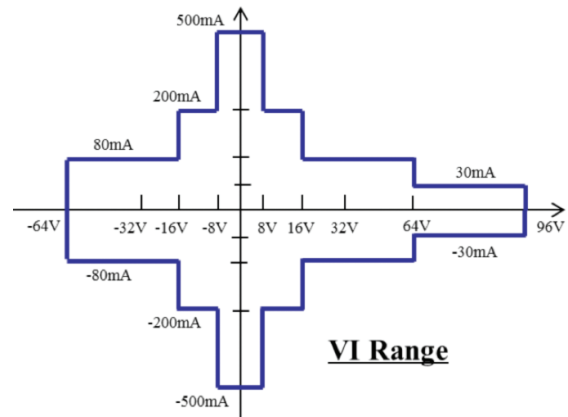


■ Integrated multichannel VI source and measure

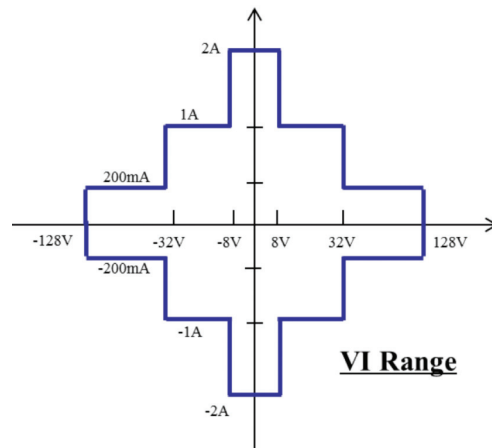
- 2ch : Voltage range  $\pm 128V$  Current range  $\pm 2.0A$
- 6ch : Voltage range  $\pm 64V$  Current range  $\pm 500mA$
- AWG, Digitizer, Differential voltage measurement

OUTPUT RANGE

- Voltage range  $\pm 64V$  Current range  $\pm 500mA$



- Voltage range  $\pm 128V$  Current range  $\pm 2.0A$



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