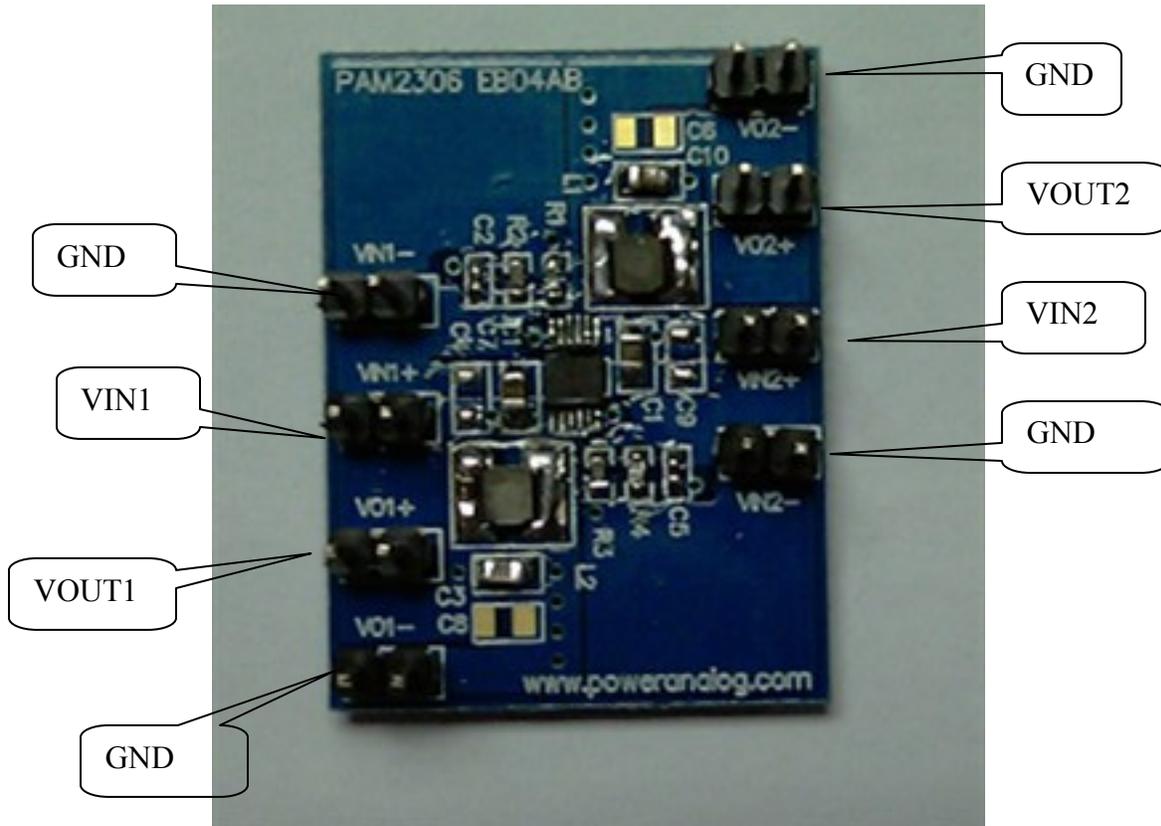






## 6. EV Board View

Top View



## 7. Resistor Select for Output Voltage Setting

$$V_{OUT} = (1+R1/R2) \times V_{REF} \quad (V_{REF} = 0.6V)$$

Vo	R1	R2	L
1.2V	200k	200k	2.2μH
1.5V	150k	100k	2.2μH
1.8V	200k	100k	2.2μH
2.5V	380k	120k	4.7μH
3.3V	680k	150k	4.7μH

## 8. External Components Selection

### Input & output Capacitors

- (1) For lower output ripple, low ESR is required.
- (2) Low leakage current needed, 10uF, X5R/X7R ceramic recommend

### Feed forward capacitor

- (1) Lower the output ripple
- (2) Low leakage current needed, 20-100pF, X5R/X7R ceramic recommend

### Output Voltage programmer resistors

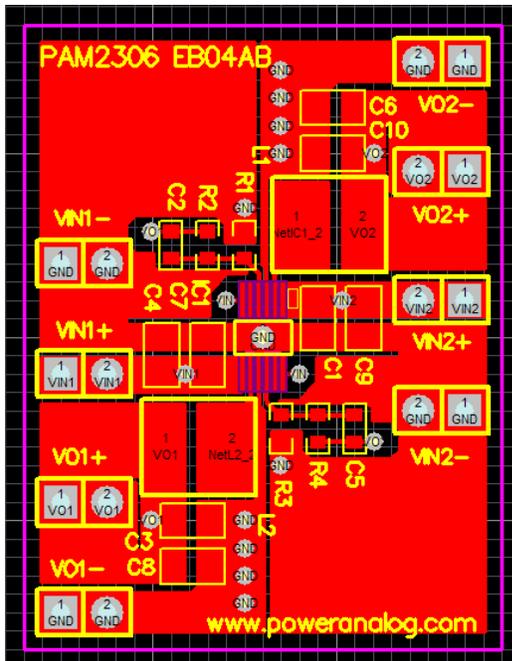
- (1) For programmer output voltage
- (2) For accurate output voltage, 1% tolerance is required.

### Inductor

- (1) Low DCR for good efficiency
- (2) Inductance Decrease Current must higher than the output current

## 9. PCB Layout Example

Top Layer



Bottom Layer

