

Revision	Description	Date	Approved

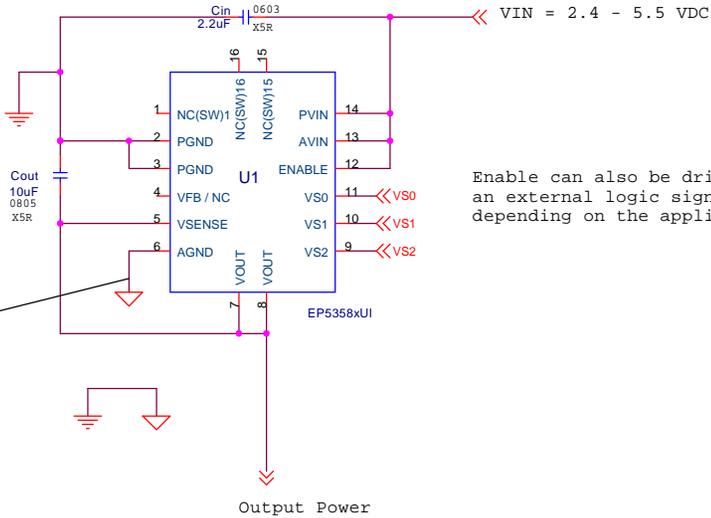
Note: This schematic only shows the critical components and traces for minimum footprint with ENABLE tied to AVin. Alternate ENABLE configurations, & other small signal pins need to be connected and routed according to the customer application.

Connect the input cap to the GND plane through multiple vias.
(Please see the Gerber files.)

* Pin 4 is VFB for the L version, NC for the H version.

Connect the output cap to the GND plane through multiple vias.
(Please see the Gerber files.)

A single through-hole via connects the AGND pin to the GND plane.



Enable can also be driven with an external logic signal depending on the application

Voltage Programming Connections		
Voltage Selector VS2 VS1 VS0	EP5358LUI VOUT	EP5358HUI VOUT
0 0 0	1.50V	3.3V
0 0 1	1.45V	3.0V
0 1 0	1.20V	2.9V
0 1 1	1.15V	2.6V
1 0 0	1.10V	2.5V
1 0 1	1.05V	2.2V
1 1 0	0.80V	2.1V
1 1 1	External Divider*	1.8V

0 = Connect to the GND plane.

1 = Connect to Vin.

* Not shown. Refer to the datasheet.

Schematic 04589
Gerbers 04590

		CONFIDENTIAL	
Title EP5358xUI Critical Components Circuit for Minimum Footprint			
Size	Drawing Number 04589	Drawn By C. Romano	Rev
Date	June 15, 2010		Sheet of