

Input 24 V-36 V range & 5A max.

RUN1 Selector

1-2: Enable (default)

2-3: Disable

VIN UVLO: 22V/19.84V

Driver UVLO: 4V

VCC Selector

R46: ExtVCC=Vo1 (default)

R47: IntVCC

Test Points

20 V Output max



1-2: zero deadtime (default)

3-4: User defined

5-6: Adaptive (20ns)

Deadtime Control (A for rising,B for falling)

MODE Selector

1-2: CCM

3-4: Pulse Skip (default)

5-6: Burst Mode

PLLIN Option

R23: External Clock

R22: Spectrum Spread

R39: Internal Clock (default)

RUN2 Selector

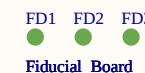
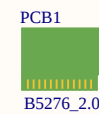
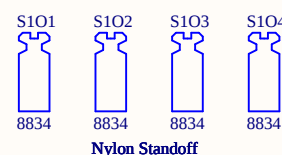
1-2: Enable

3-4: Disable

5-6: 2-Phase (default)



StandOffs



For evaluation only;
not FCC approved for resale

OUTPUT2 Selector

1-2: 2 Outputs

2-3: 2-Phase (default)

Title: EPC91109 Two-Phase Buck		© EPC 2025	
Design #: [No Variations]	PCB #: B5276	Efficient Power Conversion 909 N. Pacific Coast Hwy, Ste 230 El Segundo, CA 90245 U.S.A. www.epc-co.com	
Revision 2.0	Revision: 2.0	Sheet 1 of 1	
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