

# EVAL6562-250W

# L6562-250W High performance TM PFC

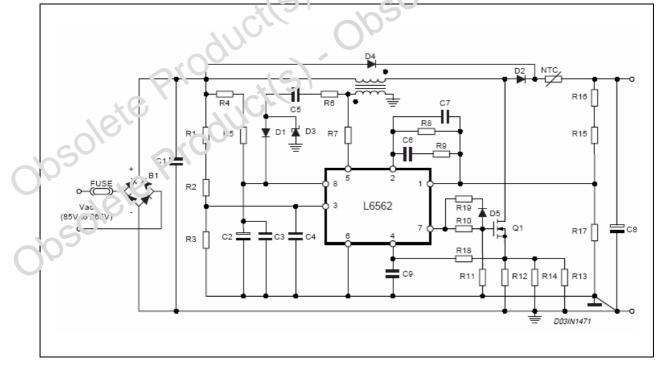
Data Brief

## **General description**

The L6562 is a current-mode PFC controller operating in Transition Mode (TM). Pin-to-pin compatible with the predecessor L6561, it offers improved performance. The L6562 - 250W Evaluation Board is specific for 250W PFC preregulator and designed to operate in wide-range mains.



## EVAL6562 - 250W schematic



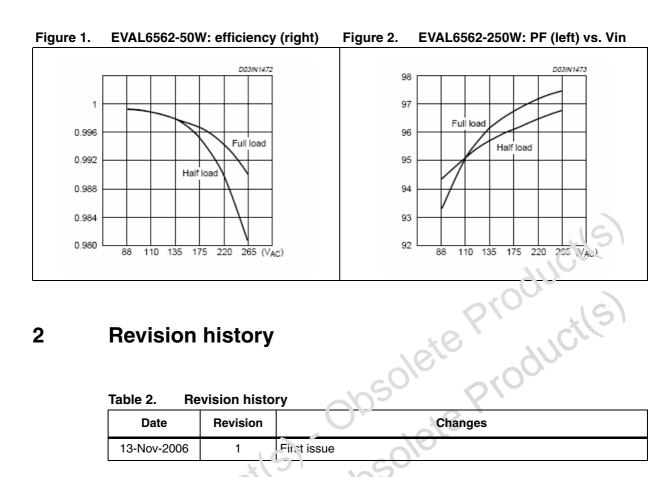
# 1 Part list

Table	1.	Part	list

Parameters	Values	
R1, R2	910ΚΩ 1%	
R3	13ΚΩ1%	
R4, R5	180KΩ 5%	
R6	100Ω5%	
R7	47ΚΩ 5%	
R8, R11, R14	OPEN 5	
R9	20ΚΩ	
R10	33Ω5%	
R12,13	0 33(2 1W	
R15,16	7、0ΚΩ 1%	
R17	9.53ΚΩ 1%	
R18	SHORT	
R19	SHORT	
C1	1μF, 400V	
C2	22µF, 25V	
C3 (5)	100nF	
C4, C5	10nF	
C6	680nF	
C7	220nF	
C8	100µF, 450V	
C9	OPEN	
D1	1N4148	
D2 (DO-201AD)	STTH3L06	
D3	ZENER 18V	
D4	1N5406	
D5	1N4148	
Q1 (TO220)	STP20NM50	
BRIDGE	STBR606 (ST)	
FUSE	4A/250V	
NTC	2.5	

Note: 1 HEATSINKER: Aavid thermalloy max clip S508

2 T1: Boost Inductor spec: EB0057-C (COILCRAFT)



### **Revision history** 2

Date	Revision	Changes
13-Nov-2006	1 Fir.	rt issue
	dl.	005
	400	0.
010	16	
N.C.Y	de	1
ete	<i>XV</i>	
010		
Xe .		
6		

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