

iC-DXC EVAL DXC1M

EVALUATION BOARD SPECIFICATION



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ORDERING INFORMATION

Type	Package	Options	Order Designation
iC-DXC	DXC1M (DIL8)	-	iC-DXC EVAL DXC1M

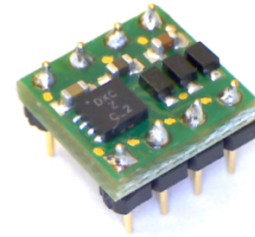


Figure 1: DXC1M Package (DIL8)

PIN CONFIGURATION

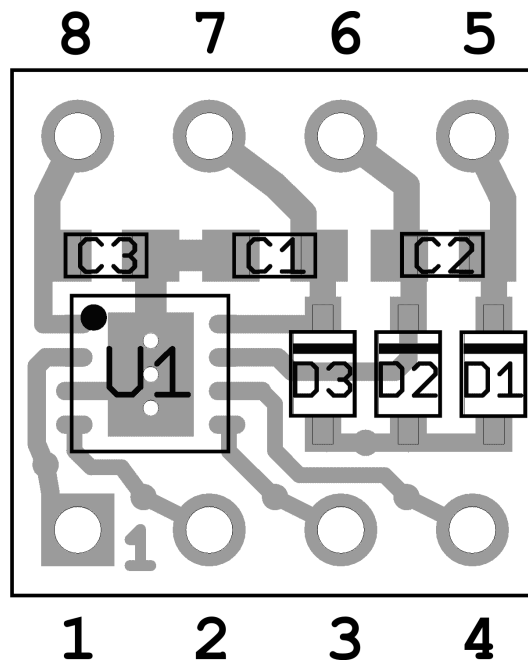


Figure 2: Top view

No	Name	Function	No	Name	Function
1	MON	Monitor Output	5	GND	Ground
2	NIN	Input (active low)	6	OUT	Output
3	OE	Output Enable	7	VB	Supply Voltage
4	CFO	Feedback Channel Output	8	VOUT	Regulated +5V Voltage

The *Thermal Pad* (EPAD) of the DFN8 package is attached to Ground.

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SCHEMATICS

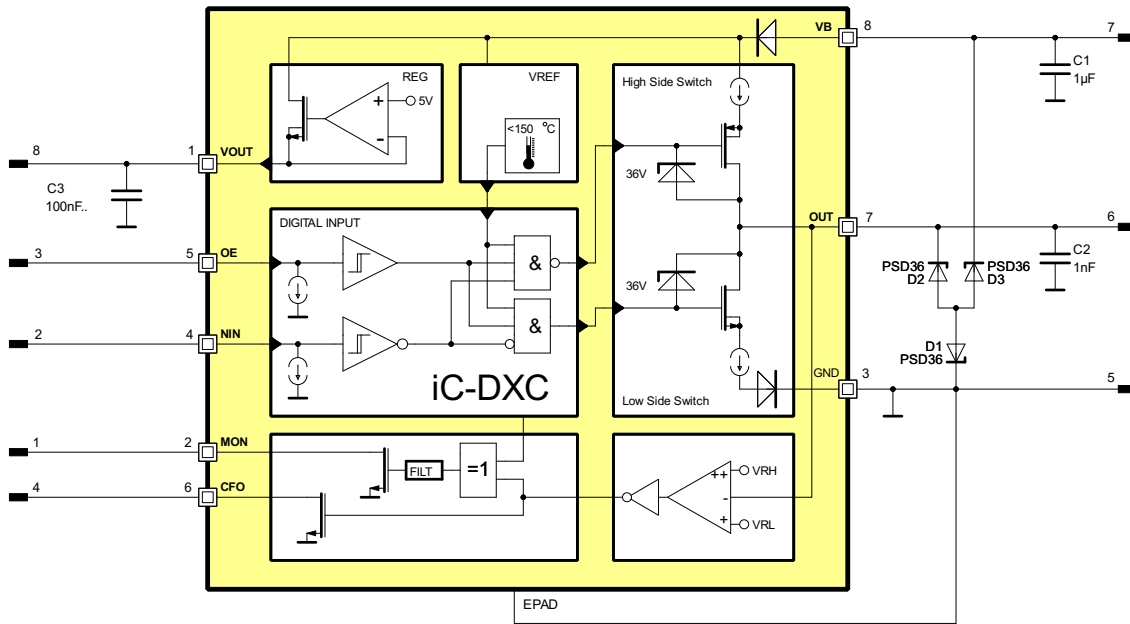


Figure 3: Circuit diagram

THERMAL DATA

Item No.	Symbol	Parameter	Conditions	Min.	Typ.	Max.	Unit
TG1	Ta	Operating Ambient Temperature Range		-20		85	°C
TG2	Ts	Storage Temperature Range		-20		85	°C
TG3	Rtha	Thermal Resistance Chip to Ambient	iC-DXC on DXC1M board		110		K/W

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REVISION HISTORY

Rel	Rel.Date	Chapter	Modification	Page
A0.2	27.02.12		initial release	

Rel	Rel.Date	Chapter	Modification	Page
A1	03.12.14		"preliminary" label removed	

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