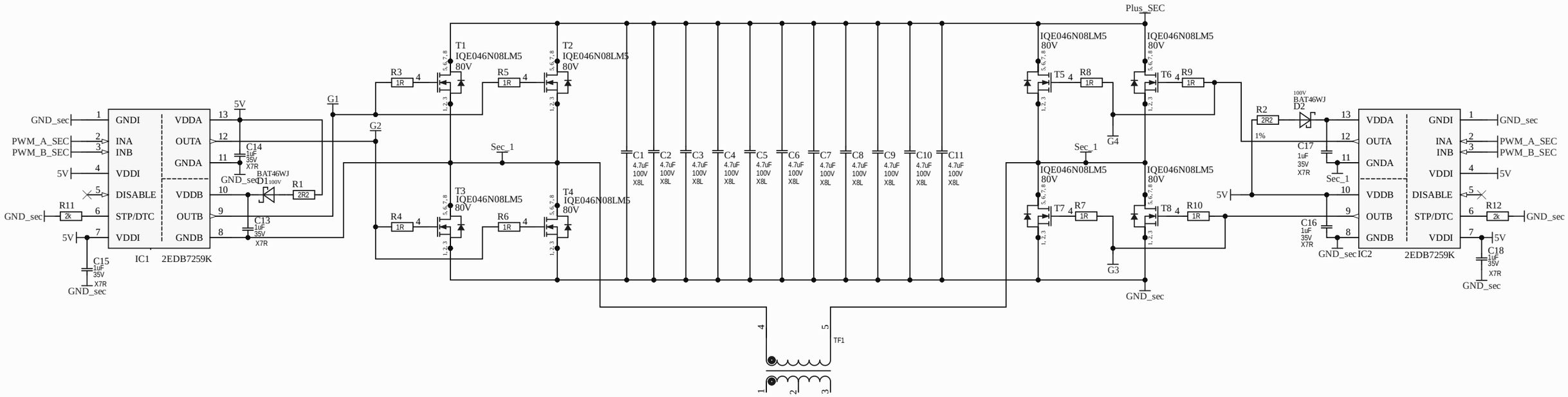

FID1 Fiducial Fiducials
FID2 Fiducial Fiducials
FID3 Fiducial Fiducials
FID4 Fiducial Fiducials

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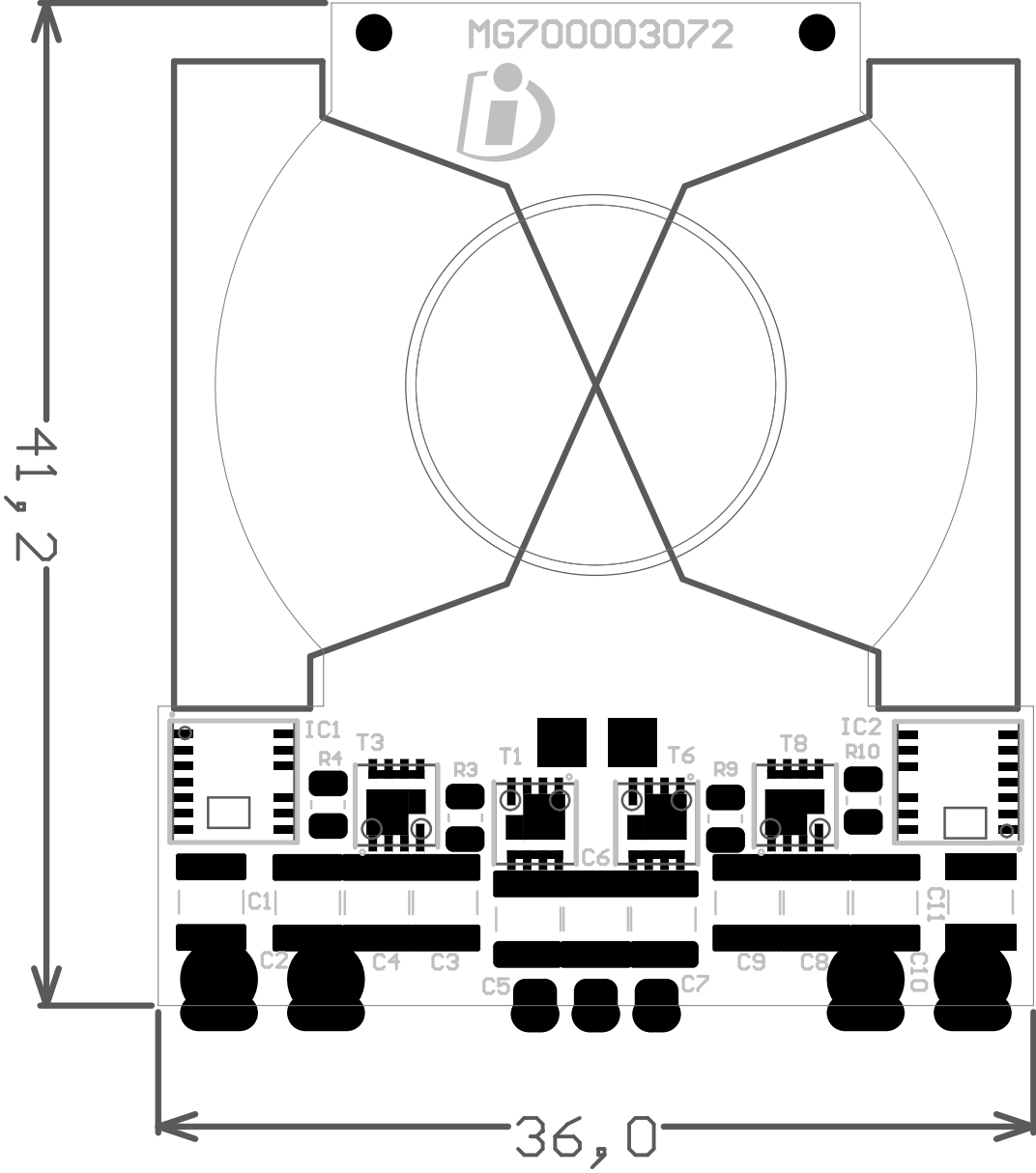
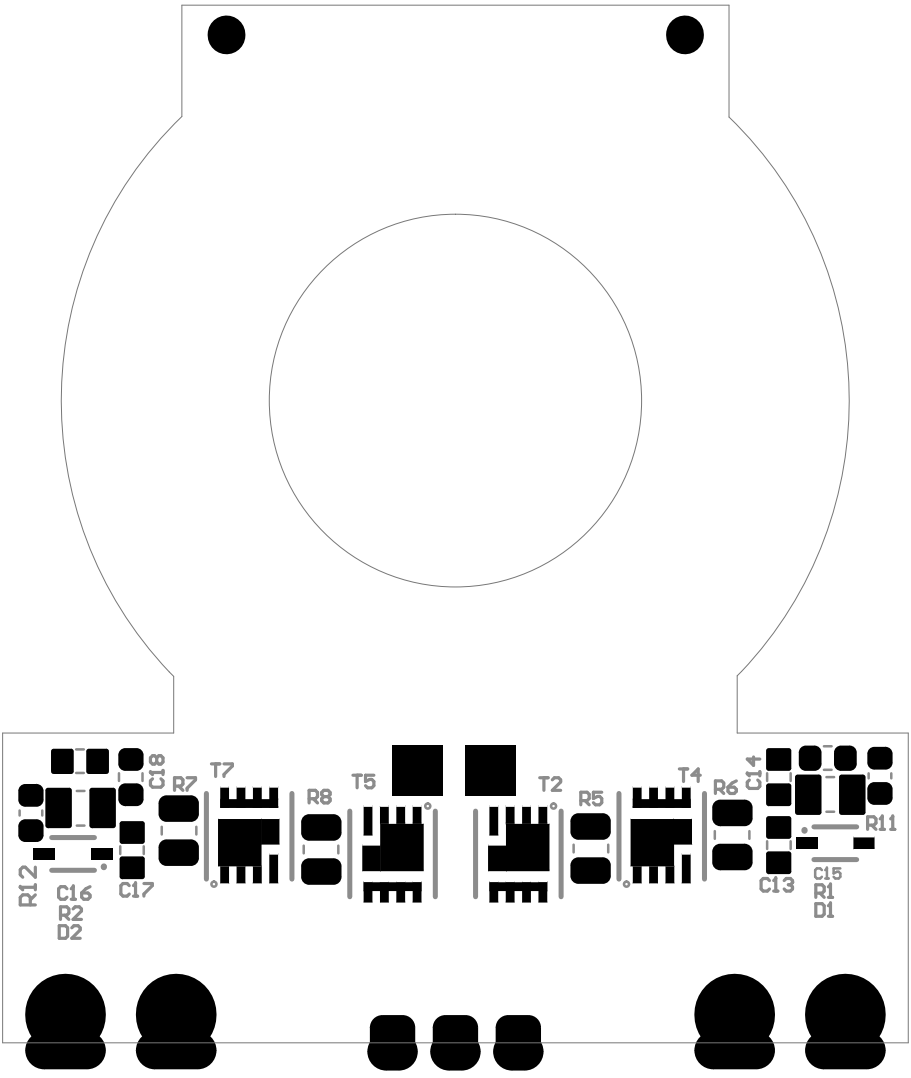
This Evaluation Board/Kit/Module/Layout is intended for use for ENGINEERING DEVELOPMENT, DEMONSTRATION, OR EVALUATION PURPOSES ONLY

IFAT PSS ACDC
Infineon Technologies Austria AG
Siemensstraße 2, 9500 Villach, Österreich

Title	3.3kW HF / HD Rectifier
Variant	[No Variations]
Author: IFAT PMM ACDC AE	
Date: 04.07.2024 Time: 14:23:54	
Copyright Infineon Technologies Austria AG	Sheet 1 of 1


MG700003072
41,2
36,0
IC1
IC2
T1
T3
T6
T8
R3
R4
R9
R10
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11


R12
C16
R2
D2
C17
C18
R7
T7
R8
T5
T2
R5
T4
R6
C14
C13
R11
C15
R1
D1

Bill of Materials

	Source Data From:	MG700003072.PrjPcb	
	Project:	MG700003072.PrjPcb	
	Variant:	None	
	Creation Date:	04.07.2024	14:24
	Print Date:	04-Jul-24	2:24:13 PM

X

Project owner

X

Layouter

Quantity	Designator	Comment	Value	Tolerance	Voltage	Footprint	Description	Supplier Part Number 1	Supplie
11	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	SMD	4.7uF	X8L	100V	CAP1210R	Capacitor Ceramic	810-C3225X8L2A475K20	Mouser
6	C13, C14, C15, C16, C17, C18	SMD	1uF	X7R	35V	CAP0603R	Capacitor Ceramic	445-174215-1-ND	Digi-Key
2	D1, D2	SMD	BAT46WJ		100V	SODFL2513X80N	Schottky Diode	7805350P	RSComponents
2	IC1, IC2	SMD	2EDB7259K			TFLGA65P500X500X106-14_13N-V	Gate-driver IC	2EDB7259K	Infineon
2	R1, R2	SMD	2R2	1%		RES0805R	Resistor		
8	R3, R4, R5, R6, R7, R8, R9, R10	SMD	1R	1%		RES0805R	Resistor		
2	R11, R12	SMD	2k	1%		RES0603R	Resistor		
8	T1, T2, T3, T4, T5, T6, T7, T8	SMD	IQE046N08LM5		80V	IFX-PG-TSON-8-4	N-Channel MOSFET	IQE046N08LM5	Infineon