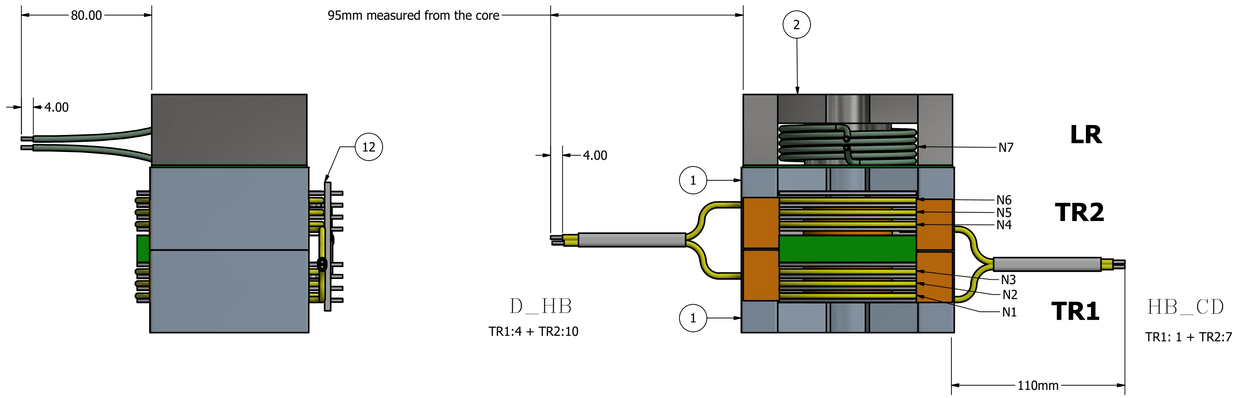
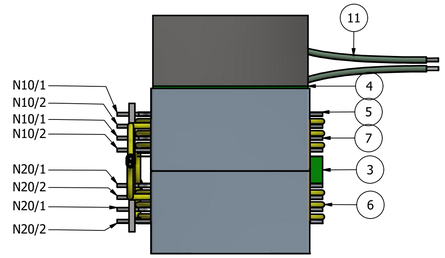
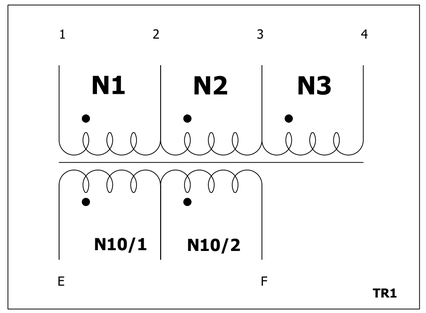
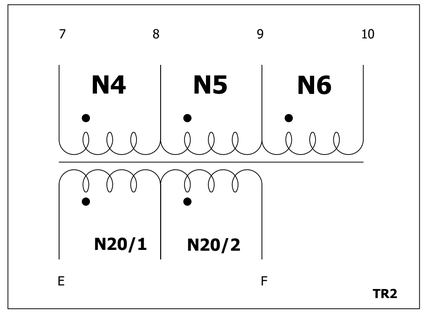
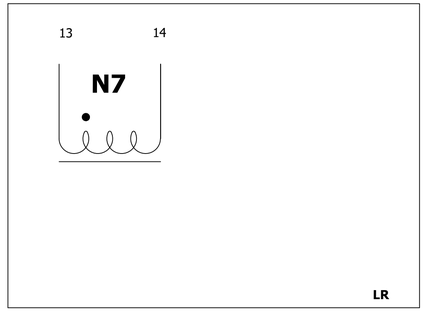
TABLE	
Naming	Turns
N1	7
N2	7
N3	7
N10	1
N4	7
N5	7
N6	7
N20	1
N7	8 (29,5uH +/- 5%)



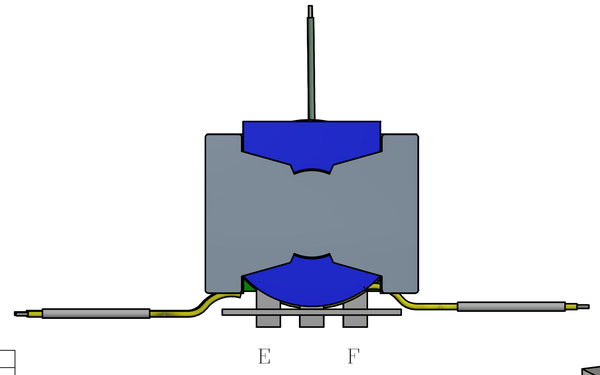


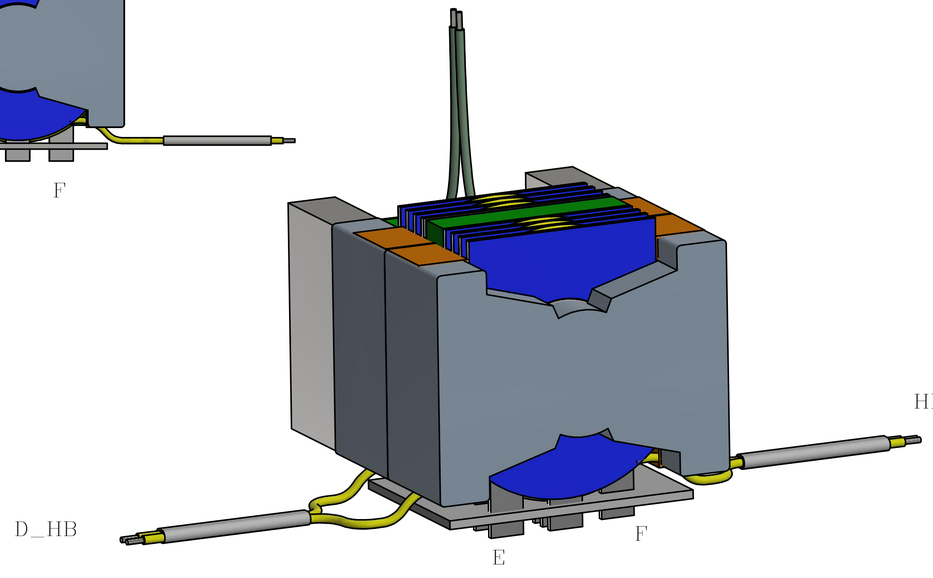






Total magnetizing inductance
measured between D_HB and HB_CD: **1.2mH +/- 10%**
(grind center leg)





PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	2	PQ35/28	DMR95
2	1	PQI35/23	DMR95
3	1	A20000681	Distance holder FR4
4	1	A30000680	FR4 material; 0.25mm thickness - (adaptable to achieve N7 inductance)
5	16	TF10000730 Main Transformer Isolation Kapton	PTFE 50um High-tech-flon
6	6	primary windings	N1-6, Triple insulated litz wire 7x0.3mm TEX-ELZ
7	8	TF10000612 Main Transformer copperplate	N10/1, N10/2, N20/1, N20/2
11	1	LR - Resonant choke	RUPALIT Safety Profil V155; 140x0,10mm; 3 Layer Mylar + 1 x 63; Profil: 1,8 x 1,4mm +/-0,20mm
12	1	A10000681	transformer baseplate, FR4 material; isolation (no copper surface)

DRAWN schmoelb	04.04.2018	Infineon Technologies Austria AG	
CHECKED		TITLE	
QA		TF10000611	
MFG			
APPROVED		SIZE D	DWG NO TF10000612 transformer moduli
		SCALE 3 : 1	REV V1.0
			SHEET 1 OF 1