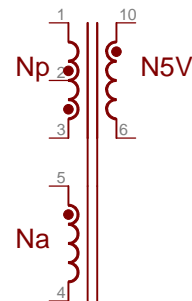


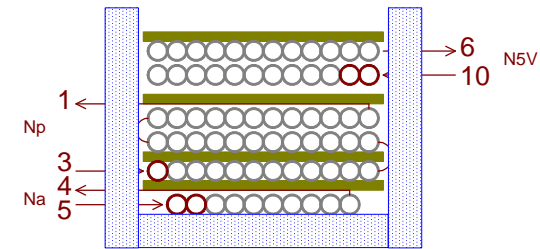
## Required Components

Core: EE20/10/6  
Material: N87 or equivalent  
Ae = 32.1mm<sup>2</sup>  
Gap: Center leg - symmetric  
Bobbin: 5+5 pins.

## Schematic



## Winding Stackup



## Winding Specifications

Winding	Pins	Wire (AWG)	Turns	Insulation (Ts)
Na	5 - 4	2x #31	21	2
Np	3 - 1	1x #31	47	1
			47	0
			47	2
N5V	10 - 6	2x TEX-E, overall Ø 0.6mm	7	3

## Remark:

After winding the first layer of Np, add one turn of insulation tape.

## Electrical Specifications

Winding	Pins	Spec	Conditions
Inductance	3 - 1	1850uH +/- 5%	1KHz, 1V - all secondaries opened.
Leakage	3 - 1	<35uH	100KHz, 1V - all secondaries shorted.

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