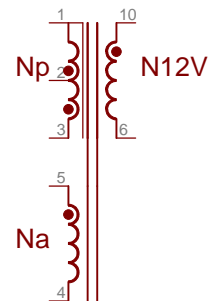


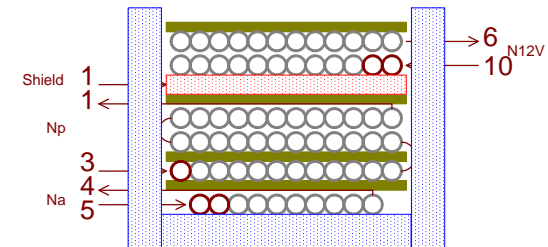
## Required Components

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

## Schematic



## Winding Stackup



## Winding Specifications

Winding	Pins	Wire (AWG)	Turns	Insulation (Ts)
Na	5 - 4	2x #34	15	2
Np	3 - 1	1x #30	39	1
			39	0
			38	2
Shield	1 - Open	Copper Shield 0.025 x 11.5mm	1.1T	2
N12V	10 - 6	1x TEX-E, wire Ø 0.65mm	12	3

## Electrical Specifications

Winding	Pins	Spec	Conditions
Inductance	3 - 1	1750uH +/- 5%	1KHz, 1V - all secondaries opened.
Leakage	3 - 1	<20uH	100KHz, 1V - all secondaries shorted.

STMicroelectronics and or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. STMicroelectronics and or its licensors do not warrant that this phases design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. STMicroelectronics and or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.



Transformer Rev00

2/26/2014 4:05:39 PM

Sheet: 1/1

REV00