

CURRENT CONTROL IS ANALOGIC FOR PREVENT MICROCONTROLLER PROGRAM FAIL

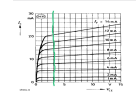
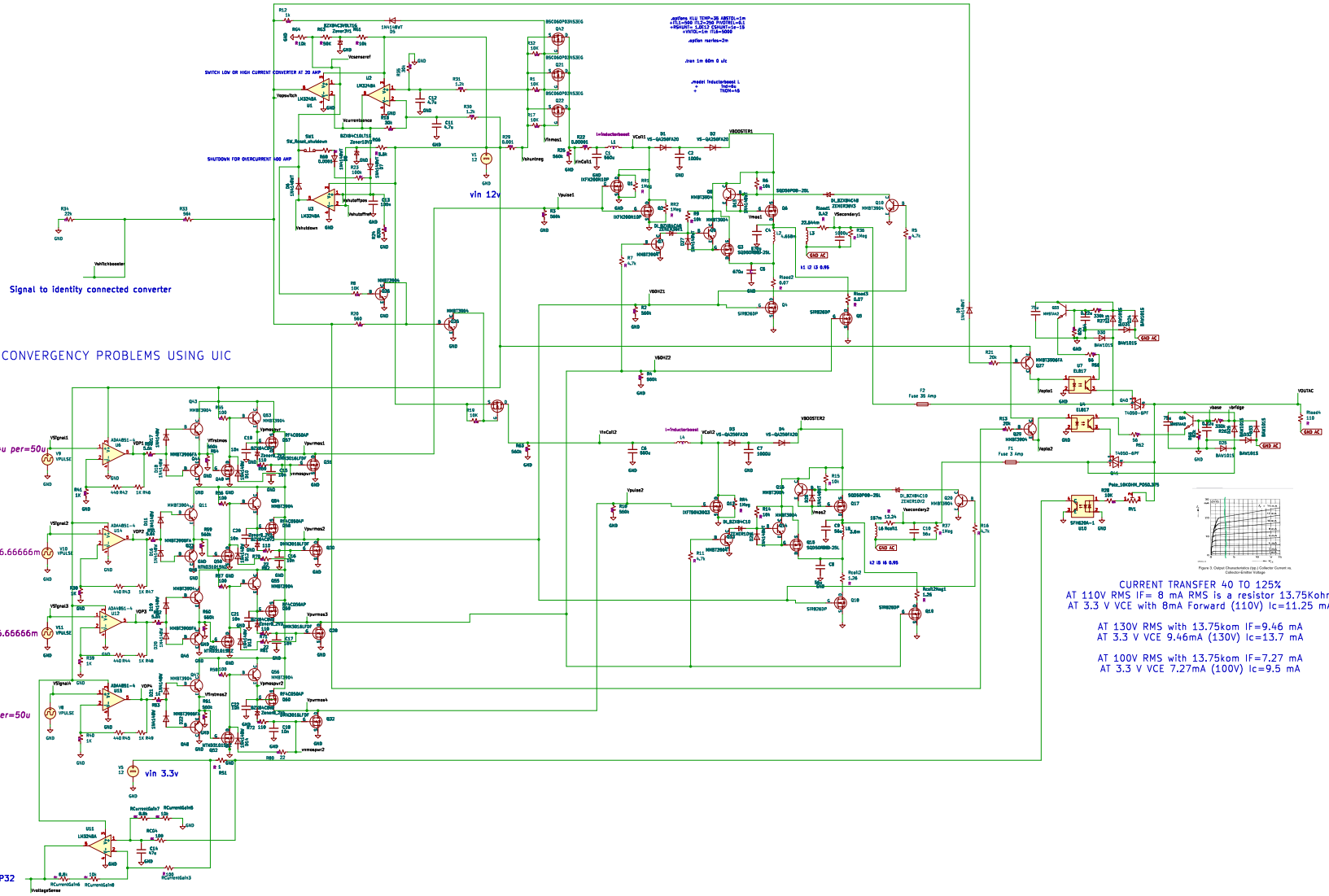


Figure 3: Output Characteristics (Vout vs Vin) for different load conditions

CURRENT TRANSFER 40 TO 125%  
 AT 110V RMS IF= 8 mA RMS is a resistor 13.75Kohm  
 AT 3.3 V VCE with 8mA Forward (110V) Ic=11.25 mA  
 AT 130V RMS with 13.75kom IF=9.46 mA  
 AT 3.3 V VCE 9.46mA (130V) Ic=13.7 mA  
 AT 100V RMS with 13.75kom IF=7.27 mA  
 AT 3.3 V VCE 7.27mA (100V) Ic=9.5 mA

SMALL RESISTORS ARE TO SOLVE CONVERGENCY PROBLEMS USING UIC

ESP 32 SIGNALS TO BE OPTIMIZED FOR MOSFET AND CAPACITORS.

Shunt 1 ohm Gain 188/1

Ic=9.5 mA VD=9.5mV Opout= 1.79 Volts  
 Ic=11.25 mA VD=11.25mV Opout= 2.35 Volts  
 Ic=13.7 mA VD=13.7mV Opout=2.57 Volts