



Steady state TRIAC drive:
1) 60Hz Sync signal to MCU
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(100% D.C.)



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Thermocouple Type "K"
Voltages vs. temperature:

DEGF	TC[mV]	U2[V]
350	6.07	0.86
400	7.14	1.24
450	8.56	1.62
500	9.79	2.00
550	11.02	2.40
600	12.03	2.76
650	13.52	3.15
700	14.78	3.53
750	16.10	3.92
800	17.30	4.30
850	18.53	4.67

Unless otherwise specified, all values are as follows:
resistor values are in Ohms, i.e. 0R47, 5R6, 220, 5K6, 22K
capacitor values are in Microfarads, i.e. 220p, 0u1, 2u2, 33
inductor values are in Microhenries, i.e. 0u22, 5u6, 68, 2m2

This drawing is our property. Duplication, unauthorized use of any kind is prohibited.
Without Approval use only for inquiry.

Approval:

Drawn	Date	Name
6-Sep-2013		
Modified		
Checked		
<input type="checkbox"/> Prototype	<input type="checkbox"/> Production	<input type="checkbox"/> BOM Done?

PCB Name: Main Control Board
PCB Nr: B615CH
PCB Type: FR4 2L 0LL 2SM 15mm
Scale: SCH

Title <i>WESD51 Main Board</i>			
Used in <i>WESD51</i>		Repl.for	Build No.
Drw. Type: <i>PCB Schematic</i>		Prj. Nr <i>13028</i>	
Size: <i>A3</i> Rev <i>0</i>		Drw. Nr <i>13028-WESD51-E01</i>	
File: <i>WESD51.sch</i>			Sheet <i>1</i> of <i>1</i>