

Manufacturer
AE
APPLIED ENGINEERING
Model No: 4289

Specifications:
70 full watts w/o fan
115/230 VAC 50/60 Hz
40 degrees C w/ fan
60 degrees C w/o fan
under full load
Adjustable 5 volts DC

OUTPUT IGS: OUTPUT //e:
1 COMMON 1 COMMON
2 COMMON 2 COMMON
3 KEY 3 + 5 V
4 + 5 V 4 + 12V
5 + 12V 5 - 12V
6 - 12V 6 - 5 V
7 - 5 V

MADE IN USA

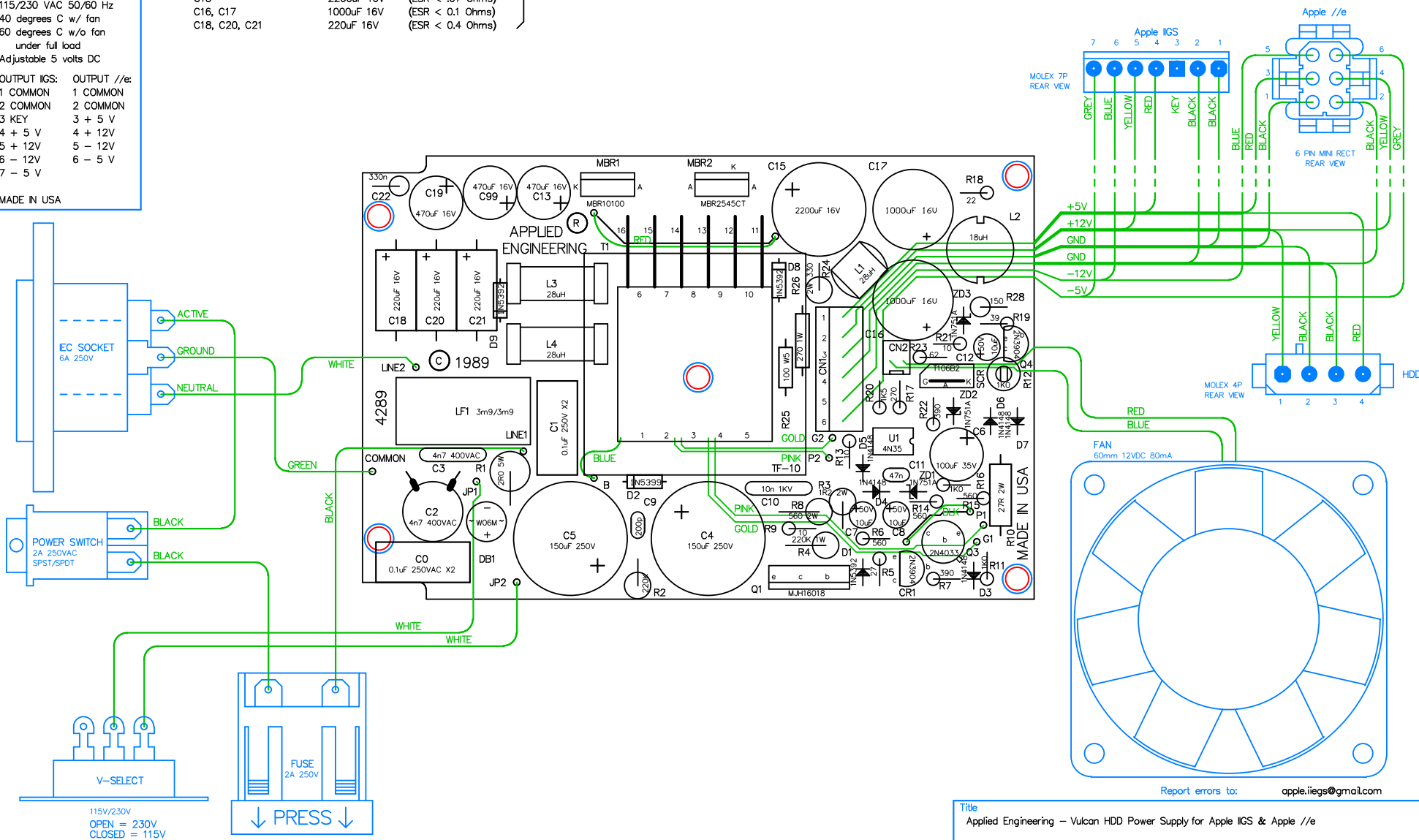
Component Notes:

C4, C5 (#4289)	150uF 250V	(ESR < 1.0 Ohms)
C6	100uF 35V	(ESR < 0.5 Ohms)
C7, C8, C12	10uF 50V	(ESR < 1.9 Ohms)
C13, C19, C99	470uF 16V	(ESR < 0.2 Ohms)
* C13//C99	(parallel ESR < 0.1 Ohms)	
C15	2200uF 16V	(ESR < .07 Ohms)
C16, C17	1000uF 16V	(ESR < 0.1 Ohms)
C18, C20, C21	220uF 16V	(ESR < 0.4 Ohms)

Acceptable ESR reading

Component Variants

IGS PCB #4289



Title Applied Engineering – Vulcan HDD Power Supply for Apple IGS & Apple //e			
Size A4	Number #4289	Revision 1.0	
Date: 17 Feb 2020	Sheet 1 of 1		
File: VULCAN42.PCB	Drawn By: Mark Cummings		
Protel for Windows v.1.1	Checked By:		