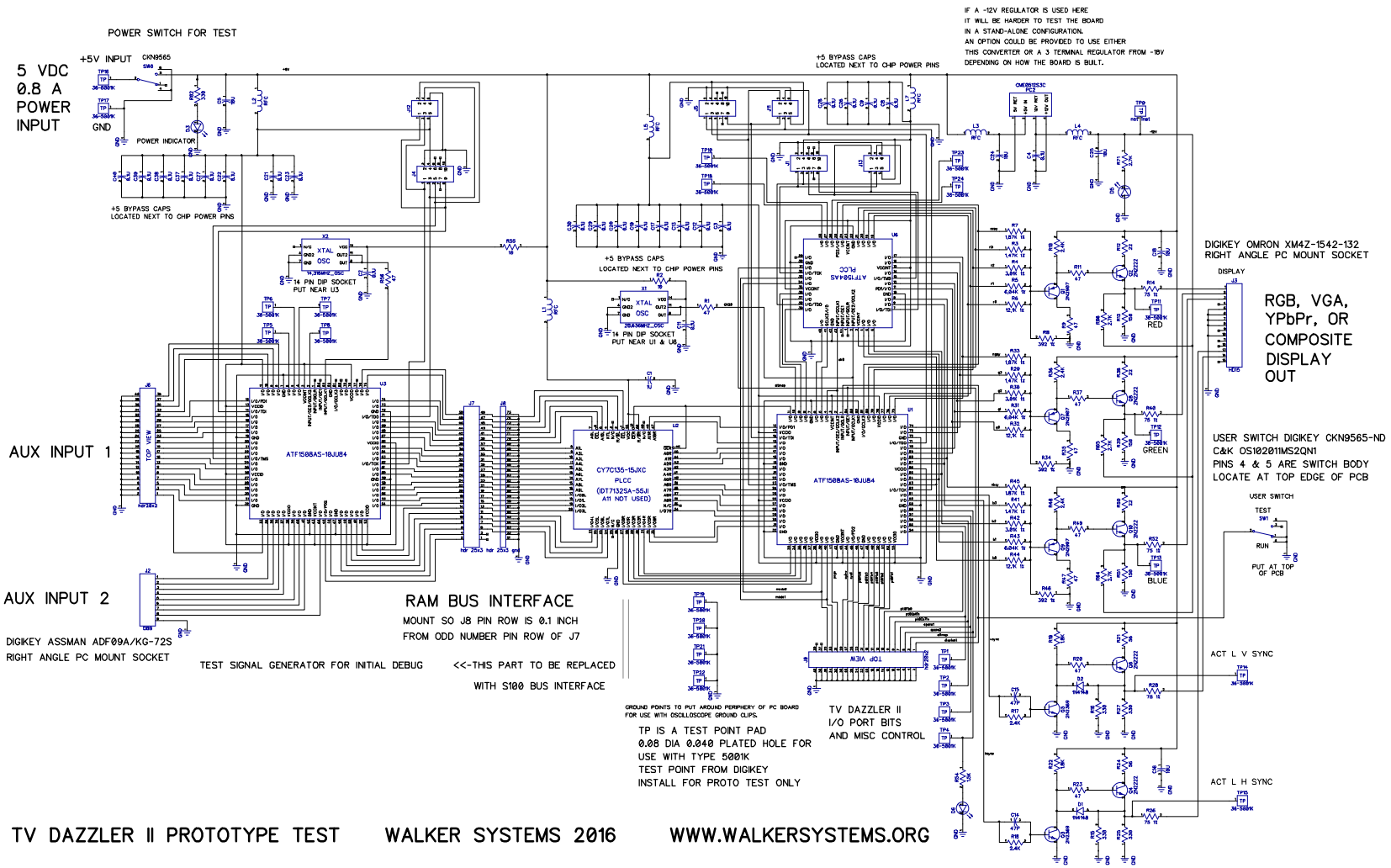
POWER SWITCH FOR TEST
5 VDC
0.8 A
POWER
INPUT
+5V INPUT
GND
CKN9565
POWER INDICATOR
+5 BYPASS CAPS
LOCATED NEXT TO CHIP POWER PINS
IF A -12V REGULATOR IS USED HERE
IT WILL BE HARDER TO TEST THE BOARD
IN A STAND-ALONE CONFIGURATION.
AN OPTION COULD BE PROVIDED TO USE EITHER
THIS CONVERTER OR A 3 TERMINAL REGULATOR FROM -18V
DEPENDING ON HOW THE BOARD IS BUILT.
14 PIN DIP SOCKET
PUT NEAR U3
14 PIN DIP SOCKET
PUT NEAR U1 & U8
DIGIKEY OMRON XM4Z-1542-132
RIGHT ANGLE PC MOUNT SOCKET
DISPLAY
RGB, VGA,
YPbPr, OR
COMPOSITE
DISPLAY
OUT
RED
GREEN
BLUE
USER SWITCH DIGIKEY CKN9565-ND
C&K OS102011MS2QN1
PINS 4 & 5 ARE SWITCH BODY
LOCATE AT TOP EDGE OF PCB
USER SWITCH
TEST
RUN
PUT AT TOP
OF PCB
AUX INPUT 1
AUX INPUT 2
DIGIKEY ASSMAN ADF09A/KG-72S
RIGHT ANGLE PC MOUNT SOCKET
RAM BUS INTERFACE
MOUNT SO J8 PIN ROW IS 0.1 INCH
FROM ODD NUMBER PIN ROW OF J7
TEST SIGNAL GENERATOR FOR INITIAL DEBUG
<<-THIS PART TO BE REPLACED
WITH S100 BUS INTERFACE
GROUND POINTS TO PUT AROUND PERIPHERY OF PC BOARD
FOR USE WITH OSCILLOSCOPE GROUND CLIPS.
TP IS A TEST POINT PAD
0.08 DIA 0.040 PLATED HOLE FOR
USE WITH TYPE 5001K
TEST POINT FROM DIGIKEY
INSTALL FOR PROTO TEST ONLY
TV DAZZLER II
I/O PORT BITS
AND MISC CONTROL
ACT L V SYNC
ACT L H SYNC
TV DAZZLER II PROTOTYPE TEST
WALKER SYSTEMS 2016
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