D_REFIN
R847 3.2K 0.1%
R845 2K 0.1%
R843 1.2K 0.1%
REFIN
REFX
+15V
-15V
U811 LT1097CN8
R802 2.21K 1%
R803 2.21K 1%
R858 100 1%
MMBT3906L Q800
C827 10UF TANT COMMON D7243 20% 25V
U810 LT1097CN8
R804 2.21K 1%
R805 2.21K 1%
R855 100
Q801 SOT23 MMBT3904
C821 330NF 50V 1206 10%
VR801 1N4579_6.4V
R854 1.62K 1%
R819 18.7 1%
C808 1UF 50V 1206 20%
R863 3.01K 1%
DVCC_5
C819 0.1UF 50V 20% 1206
R849 100
Y800 EC1100HS 7.680MHZ
VCC EN OUT GND
K_7M68
R818 2.74K 1%
R823 2.74K 1%
Q802 2N7000 TO92
Q803 2N7000 TO92
Q804 2N7000 TO92
Q806 2N7000 TO92
U812.5
R834 1.00K 0.1%
R835 1.00K 0.1%
R833 1K00 0.1%
R836 1.00K 0.1%
5V GND 1uS 20uS 10DATA SIGNAL
R821 1K
R822 1K
Q814 2N7000 TO92
Q805 2N7000 TO92
R857 19K 0.1%
R846 19K 0.1%
AVCC5
'GRCTL
R850 100 + FBS
U812A 74HCT74
U812.6
U812C 74HCT74
U812B 74HCT74
C820 0.1UF 20V 1206 50V
C807 0.1UF 20V 1206 50V
8.PLD
5.PLD
18.CPLD
65.CPLD
U807A LM339
U807B LM339
R831 not installed
R859 10K 5%
TG128 PN4392 Q807
R813 100K 5%
Q811 PN4392 TG128
FXT
5.CPLD
U807C LM339
U807D LM339
AVCC5 R828 26.7K 1%
R808 10K 5%
R810 2.7K 5%
Q809 PN4392 TG128
R820 2.7K 5%
Q810 PN5432 TG198
R839 100K 5%
R920 4M 0.1%
R842 920K 0.1%
R838 100K 5%
Q808 J210 TG167
TG167 J210 Q813
R811 10K 5%
R812 10K 5%
DC_IN
R841 57.8K 0.1%
R840 40.0K 0.1%
3.PLD
19.CPLD
U806-1 LM393_2
3.PLD
23.CPLD
U806-2 LM393_2
D_REFIN
Revision H and J have U813,R864,R865
VGND connected directly to U816 +IN on Rev G
U813 OPA177GS
R864 1K 5%
R865 100 1%
C809 100NF 50V 1206 20%
C815 100NF 50V 1206 20%
U816 OPA602AP
R826 3.92K 1%
C825 10NF 100V POLYPROPYLENE 10%
R814 5.1K 5%
CR801.B BAV99L
CR801.A BAV99L
R800 100K 5%
C822 27PF 100V 1206 10%
U802 NE5534D
BAL COMP
C823 27PF 1206 10% 100V
R857 10 5%
Gain
R801 475 1%
Zero-cross comparator ?
R806 33.2K 1%
R815 82.5 1%
C817 150pF 100V 5% 0805
R824 4.75K 1%
U803 LM311D
Positive?
ZCTL2
R827 33.2K 1%
R829 82.5 1%
R830 4.75K 1%
U804 LM311D
Negative?
ZCTL1
R860 150K 5%
R861 26.7K 1%
R862 10K 5%