A[17..0]

D[23..0]

U6
AT28LV256-25JI

+3V

C3
100n

GND

PLCC SOCKET

RD
WR
AA1
CE

U3
XC56303PV100

C7
100n

C5
100n

C6
100n

R1 47K
R2 47K
R3 47K
R5 47K
R4 47K

L1
SMB-M

IRQB
IRQA
RESET

PCAP
C13
5500p
R7
22
PCLK
CLK
EXTAL

R6
47K

C4
100n

BOOTSTRAP FROM EEPROM
MD:MC:MB:MA = 0001

MASK 4J22A PCAP: 690 * MF pF
MASK 0H82G PCAP: 1100 * MF pF
PLL disabled at reset

U8
MAX811SCUS-1

INTERNAL 20K PULLUP
ON /MR

C9
470n

U9
10.000MHZ

L2
SMB-M

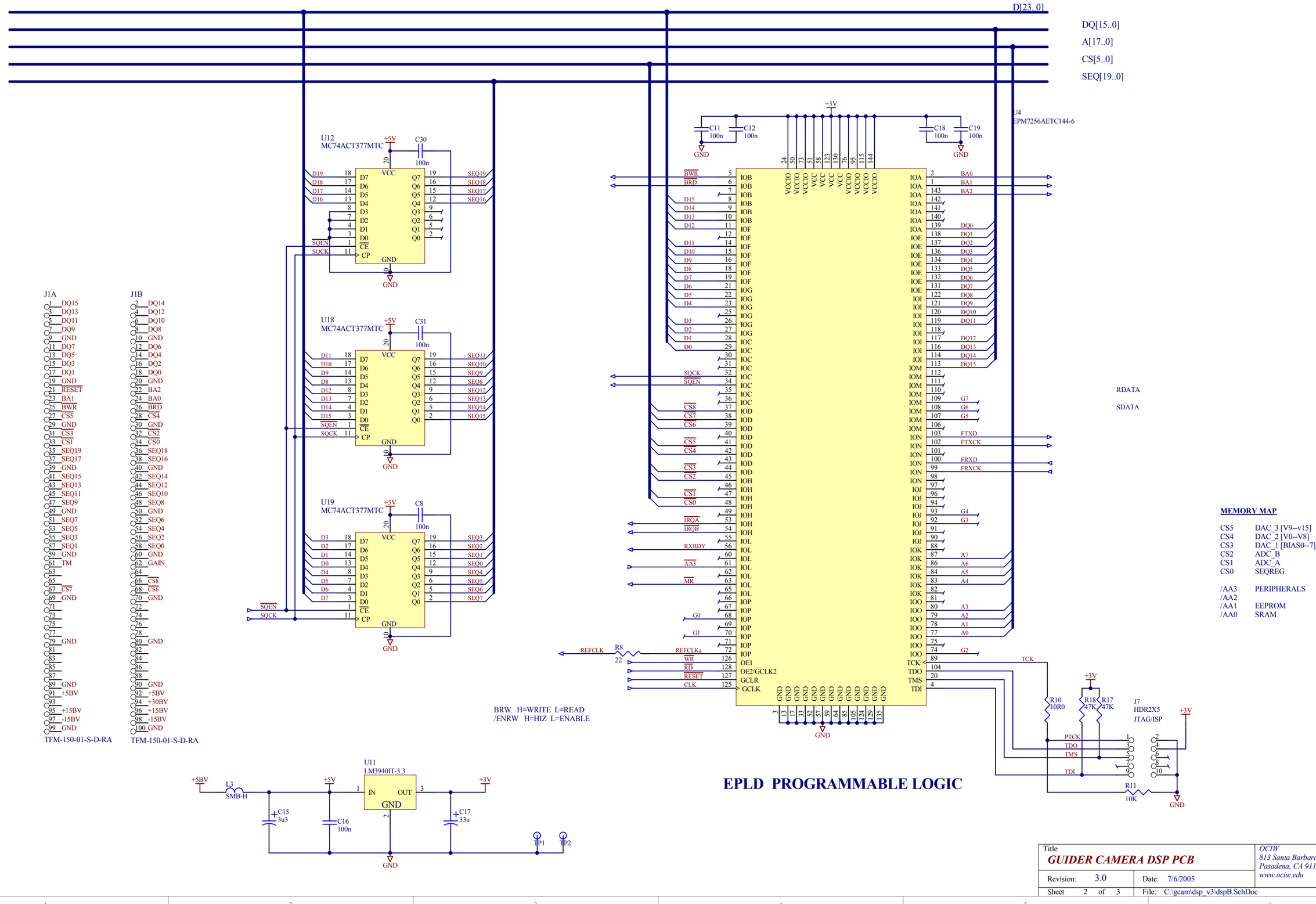
+3A

C10
100n

C14
3u3

OSCILLATOR
ECLIPTEK EC2620TS-10.000M
ELCIPTEK EC2645ETTTS-10.000M

Title: **GUIDER CAMERA DSP PCB**		*OCIW* *813 Santa Barbara Street* *Pasadena, CA 91101* *www.ociw.edu*
Revision: 3.0	Date: 7/6/2005	
Sheet 1 of 3	File: C:\gcam\dsp_v3\dspA.SchDoc	



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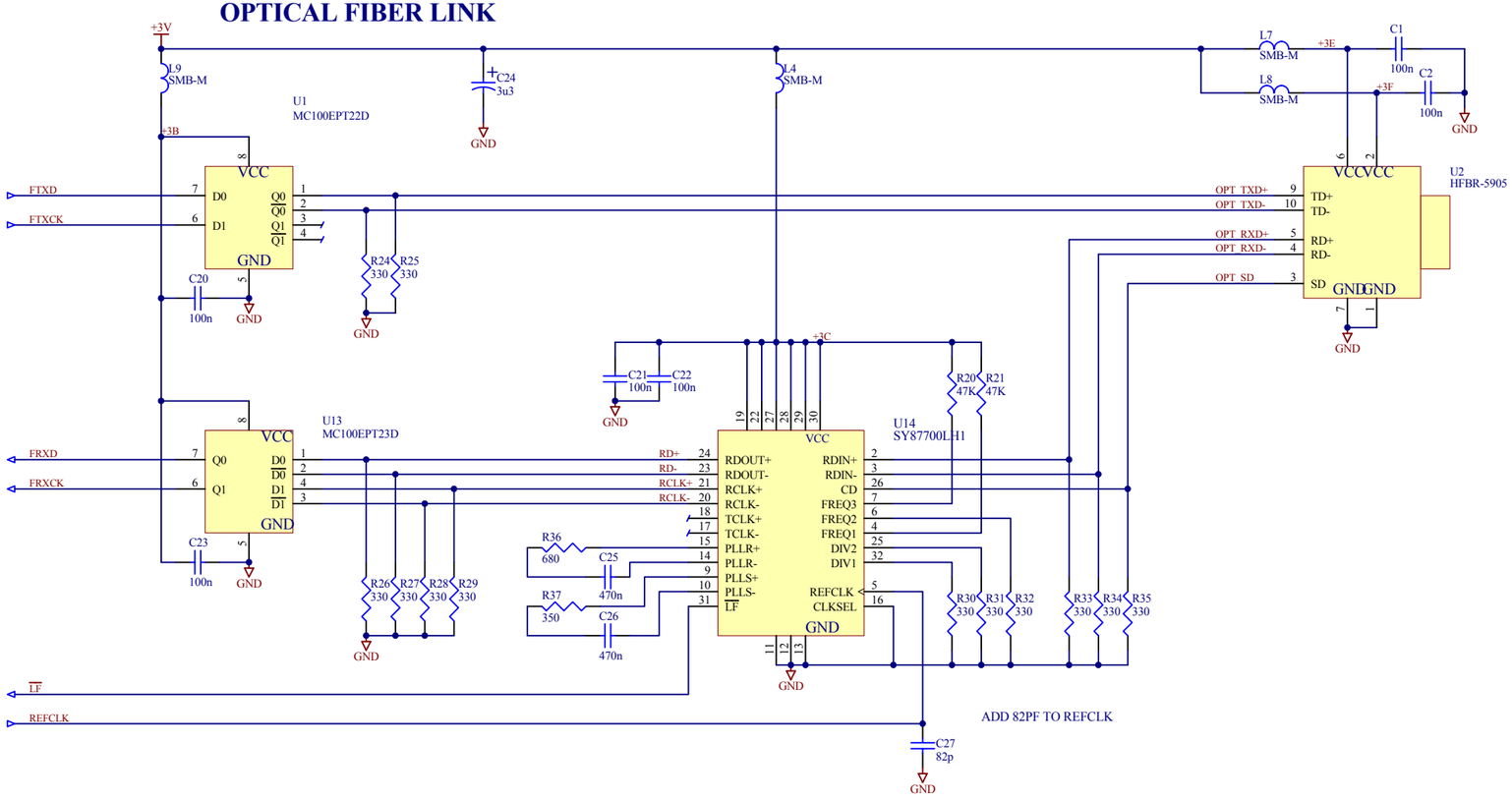
Revision: 3.0	Date: 7/6/2005	
Sheet 2 of 3	File: C:\gcam\dsp_v3\dspB.SchDoc	

OPTICAL FIBER LINK



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Sheet 3 of 3		File: C:\gcam\dsp_v3\dspC.SchDoc	