

LAN83C185 MII Customer Evaluation Board

Discrete Magnetics

Schematic Revision A4

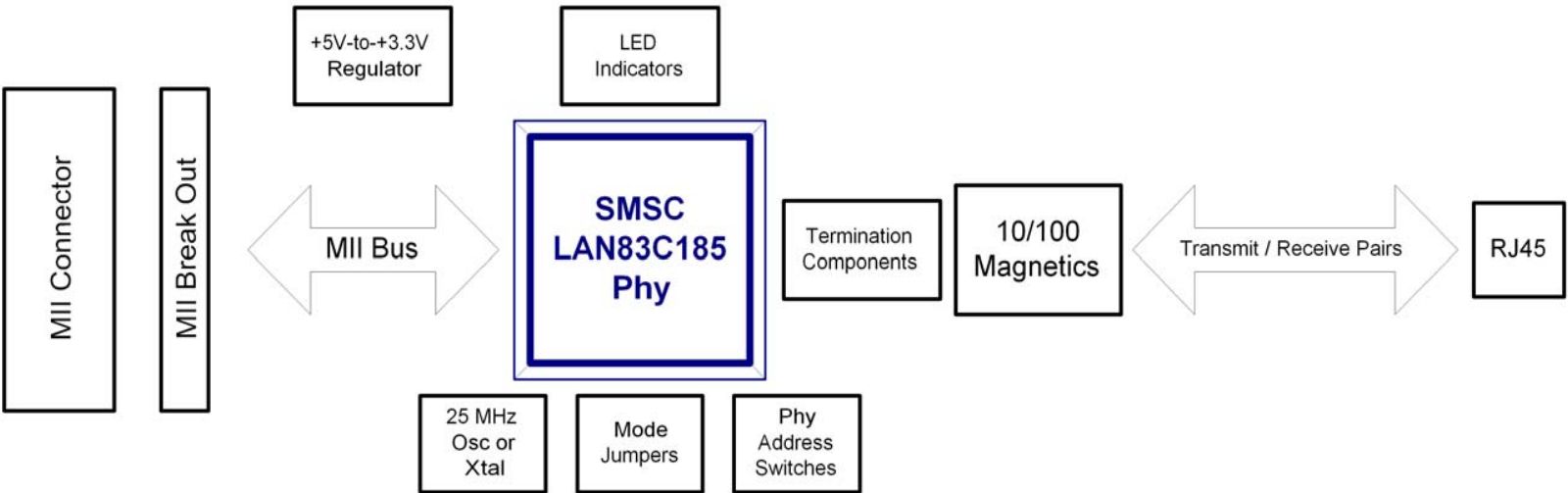
Kilkerrin

Design Details

Board: Assembly No. 6316
Chip: LAN83C185
Board Form Factor: MII Board
Assembly:

Circuit Diagrams utilizing SMSC Products Are Included As A Means Of Illustrating Typical Semiconductor Applications: Consequently Complete Information Sufficient For Construction Purposes Is Not Necessarily Given. The Information Has Been Carefully Checked And Is Believed To Be Entirely Reliable. However, No Responsibility Is Assumed For Inaccuracies. Furthermore, Such Information Does Not Convey To The Purchaser Of The Semiconductor Devices Described Any License Under The Patent Rights Of SMSC Or Others. SMSC Reserves The Right To Make Changes At Any Time In Order To Improve Design And Supply The Best Product Possible.

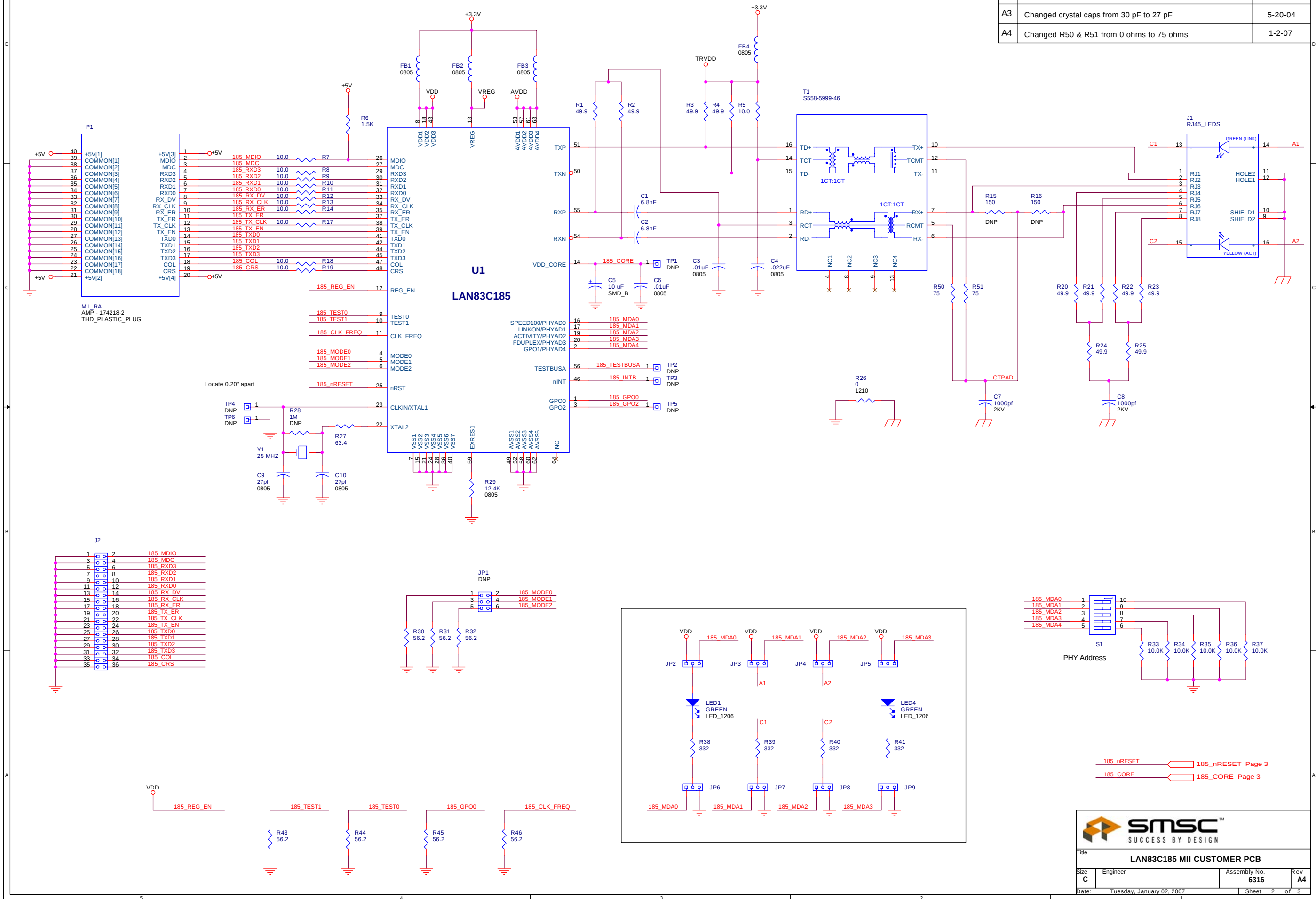
EVB BLOCK DIAGRAM



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SMSC LAN83C185 MII CUSTOMER PCB

Rev	ECN Description	Date
A	Release	9-15-03
A1	Changed MII Series Resistors from 24.3 ohms to 10.0 ohms	9-25-03
A2	Changed R27 from 10.0 ohms to 63.4 ohms	10-14-03
A3	Changed crystal caps from 30 pF to 27 pF	5-20-04
A4	Changed R50 & R51 from 0 ohms to 75 ohms	1-2-07

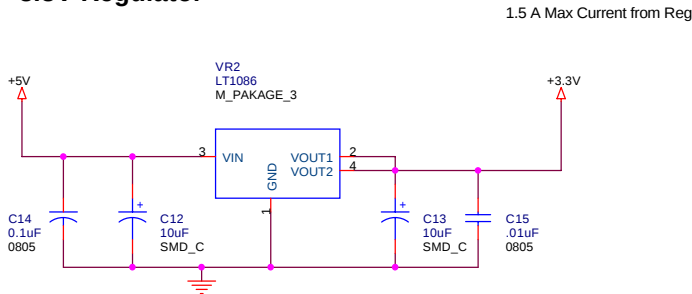


			
Title: LAN83C185 MII CUSTOMER PCB			
Size: C	Engineer:	Assembly No. 6316	Rev: A4
Date: Tuesday, January 02, 2007		Sheet 2 of 3	

SMSC LAN83C185 MII CUSTOMER PCB

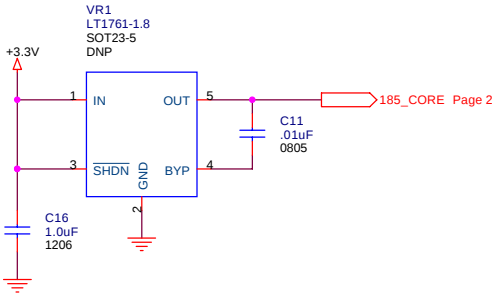
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+5V MII to +3.3V Regulator



This +3.3V Regulator only required to change MII +5V voltage to +3.3V. Not required in a normal embedded system.

+1.8V Regulator for LAN83C185



This +1.8V Regulator not required for normal operation.

