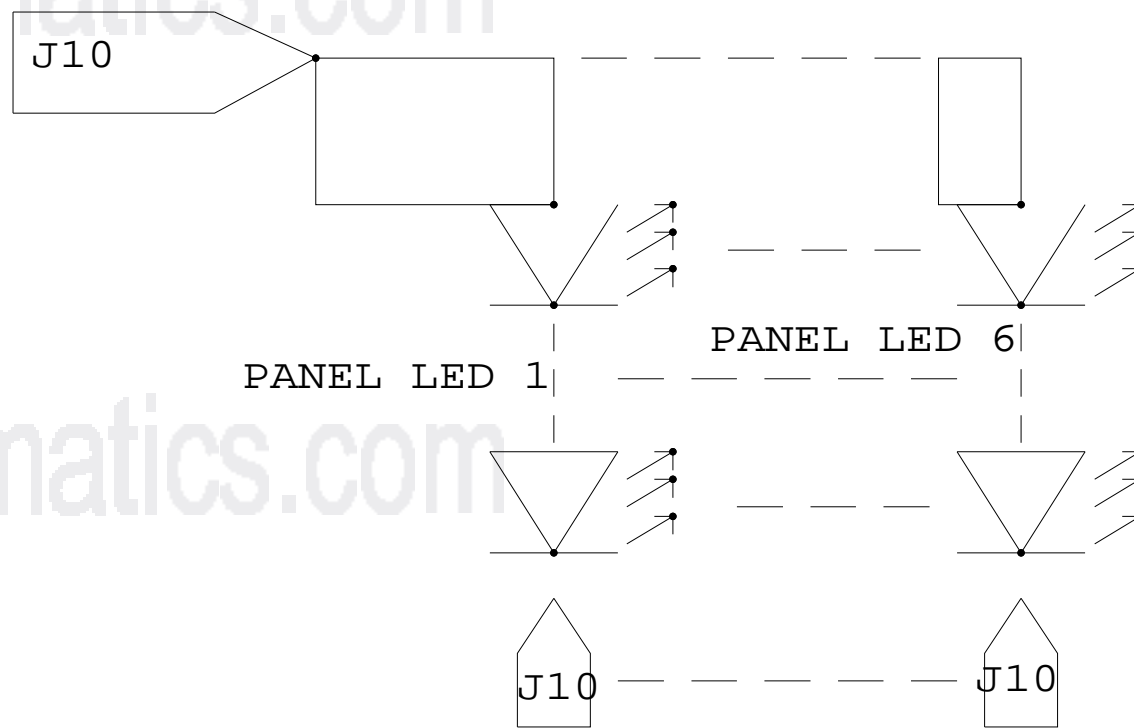
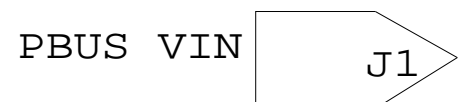


# M87 LED DRIVER BOARD

Making DOH-SPRINT have less parts  
PVT:12/07]/2007

REV	ZONE	ECN	DESCRIPTION OF CHANGE	CK APPD	ENG APPD
			DATE	DATE	DATE
A		551172	PRODUCTION RELEASED	12/07/07	?

1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.
2. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.

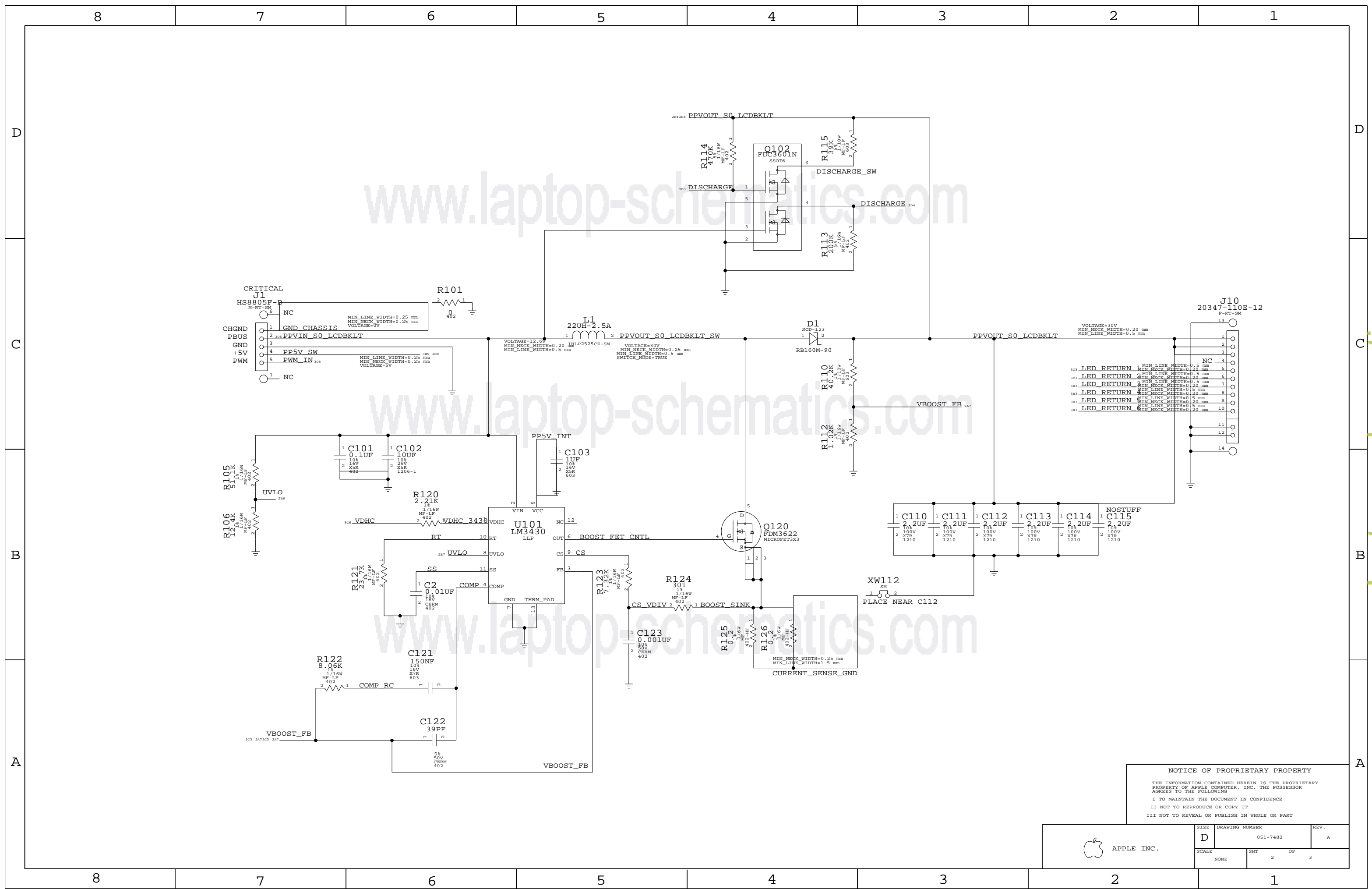


PART NUMBER	QTY	DESCRIPTION	REFERENCE DES	CRITICAL	BOM OPTION
051-7482	1	SCHEM, LED, M87-M88, MBP15/17	SCH1	CRITICAL	
820-2297	1	PCBF, LED, M87-M88, MBP15/17	PCB1	CRITICAL	
000-0041	1	PLACEHOLDER FOR EEE/CCC INFO	[EEE:Z3E]	CRITICAL	

DIMENSIONS ARE IN MILLIMETERS		METRIC		APPLE INC.	
XX : _____		DRAPTER	DESIGN CK	NOTICE OF PROPRIETARY PROPERTY THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE COMPUTER, INC. THE POSSESSOR AGREES TO THE FOLLOWING: I. TO MAINTAIN THE DOCUMENT IN CONFIDENCE II. NOT TO REPRODUCE OR COPY IT III. NOT TO REVEAL OR PUBLISH IN WHOLE OR PART	
X.XX : _____		ENG APPD	MFG APPD		
X.XXX : _____		QA APPD	DESIGNER		
ANGLES : _____		RELEASE	SCALE		
DO NOT SCALE DRAWING		NONE		TITLE	
THIRD ANGLE PROJECTION		MATERIAL/FINISH NOTED AS APPLICABLE		SIZE D	DRAWING NUMBER
				051-7482	REV. A
				SHT 1 OF 3	

www.laptop-schematics.com

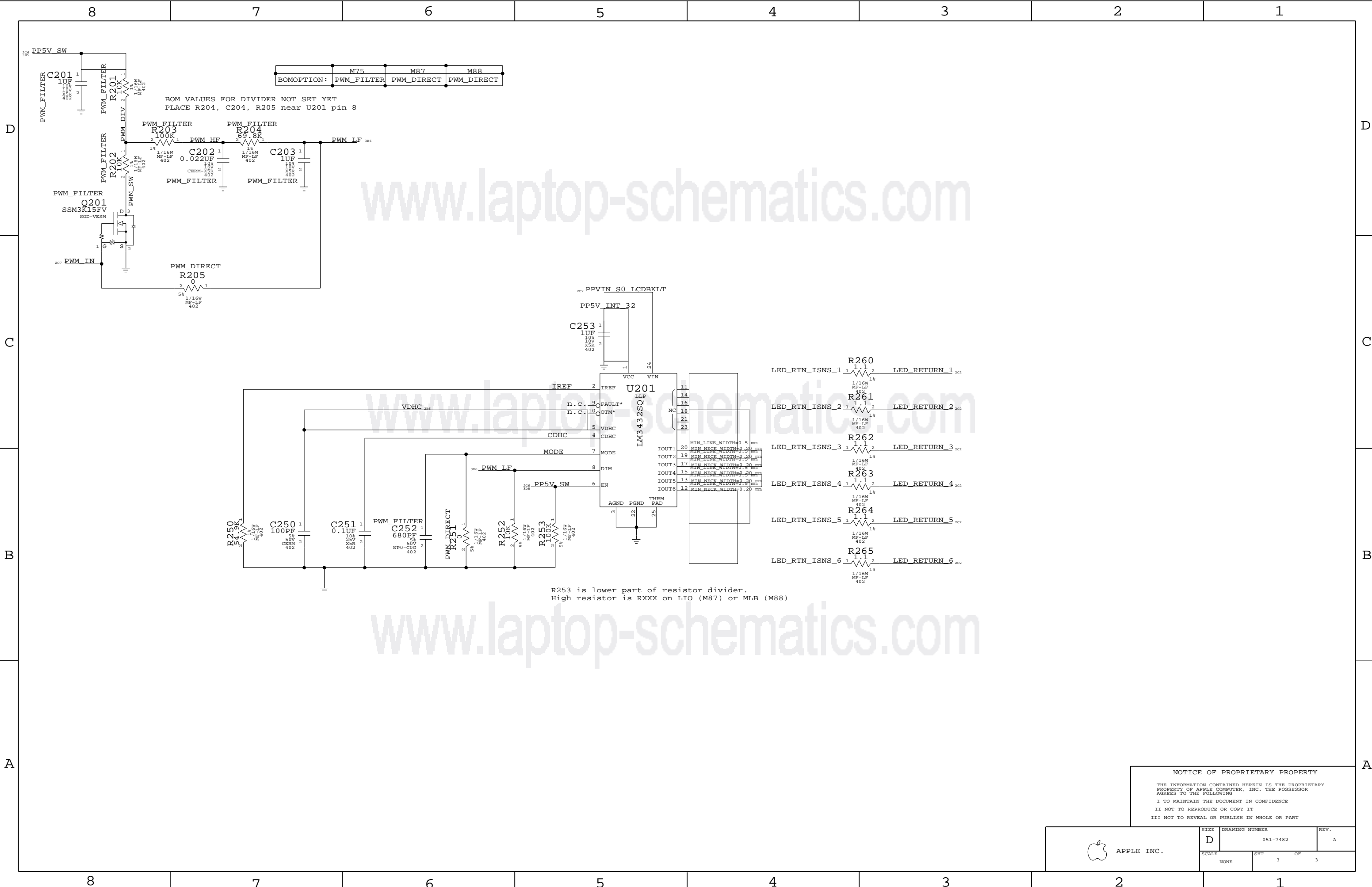
www.laptop-schematics.com



NOTICE OF PROPRIETARY PROPERTY  
 THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE COMPUTER, INC. THE POSSESSOR AGREES TO THE FOLLOWING  
 I TO MAINTAIN THE DOCUMENT IN CONFIDENCE  
 II NOT TO REPRODUCE OR COPY IT  
 III NOT TO REVEAL OR PUBLISH IN WHOLE OR PART

 APPLE INC.	SIZE	DRAWING NUMBER	REV.
	D	051-7482	A
SCALE	SHT	OF	3
NONE	2		

www.laptop-schematics.com



BOM VALUES FOR DIVIDER NOT SET YET  
PLACE R204, C204, R205 near U201 pin 8

BOMOPTION: PWM\_FILTER M75 PWM\_DIRECT M87 PWM\_DIRECT M88

R253 is lower part of resistor divider.  
High resistor is RXXX on LIO (M87) or MLB (M88)

NOTICE OF PROPRIETARY PROPERTY  
THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE COMPUTER, INC. THE POSSESSOR AGREES TO THE FOLLOWING  
I TO MAINTAIN THE DOCUMENT IN CONFIDENCE  
II NOT TO REPRODUCE OR COPY IT  
III NOT TO REVEAL OR PUBLISH IN WHOLE OR PART

APPLE INC.	SIZE	DRAWING NUMBER	REV.
	D	051-7482	A
SCALE	SHT	OF	3
NONE	3		

www.laptop-schematics.com

www.laptop-schematic.com

www.laptop-schematics.com

www.laptop-schematics.com