

iMac G5 20" iSight TMDS to HDMI conversion chart

LCD model: LG-Phillips LM201W01-(ST)(B2)

LCD Pin	Outer wire color	Inner wire color	LCD Description	DVI connection	HDMI connection	Notes
1	—	??	GND	—	—	
2			GND (data2 shield)	3	2	
3			RX2+ (data2+)	2	1	
4			RX2- (data2-)	1	3	
5			GND (data1 shield)	11	5	
6			RX1+ (data1+)	10	4	
7			RX1- (data1-)	9	6	
8			GND (data0 shield)	19	8	
9			RX0+ (data0+)	18	7	
10			RX0- (data0-)	17	9	
11			GND (clock shield)	22	11	
12			RXC+ (Clock+)	23	10	
13			RXC- (Clock-)	24	12	
14			GND	PSU GND	Pin 17 + PSU GND	
15			VCC_EDID +5V Power (tells LCD to turn on)	PSU 5V	PSU 5V	
16			AGING (Test Pin)	—	—	
17			CLOCK-EDID	6	15 (SCL)	
18		white	DATA-EDID	7	16 (SDA)	
19						
20			GND	PSU GND	PSU GND	
21						
22		brown				
23		brown	VCC_Display	PSU 12V	PSU 12V	<i>Ignore the 3.3V label on the connector that plugs into the logic board. It is incorrect.</i>
24		brown				
25			PWR_CTRL (3.3V GND for OFF)	—	—	
26			Sync HSYNC (Output)	—	—	
27			Sync VSYNC (Output)	—	—	
28			GND	—	—	
29			Reserved	—	—	
30			Reserved	—	—	
Extra pin connections:						
			HOT PLUG DETECT	connect 14 to 16 via 1K resistor	connect 19 to 18 via 1K resistor	voltage usually sent from LCD to computer to let it know there is something connected to it
			—	—	13	No connection (CEC)
			—	—	14	No connection (REV/HEC D-)