Bill of Materials For Project [LP_LED_CUBE_8x8x8.PrjPcb] (No PCB Document Selected)

Bill of Materials Source Data From: LP_LED_CUBE_8x8x8.PrjPcb rolect: LP_LED_CUBE_8x8x8.PrjPcb Variant: None Creation Date: Print Date: 19-Aug-14 #Column Nar #Column Name Er 100n 220uF Capacitor 0.47uF Capacitor 22n Capacitor NO apacitor, Resistor 100n USB LED Typical INFRARED GaAs LED LED1 Typical INFRARED GaAs LED LED2 Typical INFRARED GaAs LED D Schottky Schottky Diode Schottky Schottky Diode POWER LED Typical INFRARED GaAs LED RS232 Receptacle Assembly, 9 Position, Right Angle Magnetic-Core Inductor JTAG Connecto JTAG Connector HINK Hearter 4X24 Header, 4-Pin, Dual row USB B USB Connector Header 8X2 Header, 8-Pin, Dual row Header 8 Header, 8-Pin DC Connector DC Power Connector Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8 R1, R5, R6, R7, R8, R9, R10, R97, R96 R3, R4, R97, R98, R99, R100, R101 R11, R12, R13, R91, R94, R95 NPN NPN Bipolar Transistor 10k Resistor 2%2 470R Resistor Resistor 50R Resistor 100R Resistor R25, R26, R27, R28, R29, R30, R31, R32 R38, R39, R40, R42, R43, R44, R45, R46 R47, R48, R49, R50, R51, R52, R53, R54 R55, R56, R57, R58, R59, R60, R61, R62 R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78 R79, R80, R81, R82, R83, R84, R85, R86 R23, R33, R34, R35, R36, R37, R41 Resistor 49.9k Resistor Resistor 75R Resistor LPC1768FBD10 32-bit ARM Cortex-M3 microcontroller; up to 512 kB flash and 64 kB SRAM with Ethernet, USB 2.0 Host/Device/OTG, CAN MAX2232 Dual 232 +3V3 AT45DB321D SPI Flash 32MB DOVOCEC TPS56528 Step-Down Converter 5A 4.5V-18V

Approved	Notes			171
XTAL 5	OMHz	Y3		1
12MHz		Y2	Crystal Oscillator	1
32.768	KHz	¥1	Crystal Oscillator	1
Jumper		W1, W2	Jumper Wire	2
DP8384	48C	U10	Ethernet PHY	1