



ARDUINO NANO

74HC595 LED DRIVER

USB HUB

GH60 HEADER

Title			Q板第一弹	
Size	A3	Number	Revision	
Date:		2015/12/2	Sheet of	V1.0
File:		C:\Users\JB\LED.DRIVE002.SchDoc	Drawn By:	pengchang1994

Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	Capacitor	C1, C2, C5, C6, C9, C10, C11, C15, C16, C17, C18, C22, C23, C24, C26	C0603	Cap	15
22p	Capacitor	C3, C4, C7, C8, C20, C21	C0603	Cap	6
1uF	Capacitor	C12, C13, C14, C19	C0603	Cap	4
10uF	Capacitor	C25	C0603	Cap	1
GREEN LED	Typical INFRARED GaAs LED	D1, D2	D0805	LED0	2
Mini usb		J1	mini usb	USB micro	1
USBA-A		J2	USB-A	USBA	1
10uH	Inductor	L1	L0603	Inductor	1
Header 5	Header, 5-Pin	P1, P2, P3, P4, P5	HEADER5-1	Header 5	5
Header 4H	Header, 4-Pin, Right Angle	P6	HEADER4	Header 4H	1
ICSP	Header, 3-Pin, Dual row	P7	HDR2X3	Header 3X2	1
Header 5H	Header, 5-Pin, Right Angle	P8	header 5-3	Header 5H	1
680R	Resistor	R1	R0603	Res1	1
1K	Resistor	R2, R4, R5, R11, R12	R0603	Res1	5
100K	Resistor	R3	R0603	Res1	1
0R	Resistor	R6	R0603	Res1	1
30K	Resistor	R7, R10	R0603	Res1	2
10K	Resistor	R8, R15	R0603	Res1	2
47K	Resistor	R9	R0603	Res1	1
22R	Resistor	R13, R14	R0603	Res1	2
GL850		U1	sop28	GL850	1
74HC595		U2, U3, U4	sop16-small	74HC595	3
ATMEGA328P		U5	TQFP32	ATMEGA328P	1
CH340T		U6	sop16-small	CH340T	1
12M	Crystal	Y1, Y3	XTAL	CRYSTAL	2
16M	Crystal	Y2	XTAL	CRYSTAL	1