Bill of Materials

LedCube

Source Data From:	**Led Cube.PrjPcb**	
Project:	**Led Cube.PrjPcb**	
Variant:	**None**	

Creation Date:	23.03.2019	08.46.14
Print Date:	23-Mar-19	8:46:20 AM

Footprint	Comment	LibRef	Designator	Description	Quantity
PCB-wwfb7ijyde73wgjh02dc-1	100nF	CMP-147077-9	C1, C2	K 100nF Ceramic Multilayer Capacitor, 50 V dc, +125degC, X7R Dielectric, +/-20%	2
DIP24 N	Texas Instruments CD4514BE	CD4514BE	CollumMUX1	CMOS 4-Bit Latch/4-to-16 Line Decoder with Output 'High' on Select 24-PDIP -55 to 125	1
PCB-0nqcqa48p5nqkflv7v2c-1	LED	CMP-39eef09c3dcce629-1	D1	LED; Through Hole; 3 mm; UV; 395nm; Water Clear Lens; 30 Deg Viewing Angle; Flanged	1
PCBComponent_1 - duplicate	3pin header	CMP-c3e20a8fd0141c25-2	J1, J2	2.54mm (.100") Pitch C-Grid III Header, Single Row, Vertical, 3 Circuits, Tin (Sn) Plating	2
Arduino-Minimal	Arduino A000005	CMP-f1bd39841b322e7a-40	MCU1	Nano 3.0 Atmel Atmega 328 MCU board	1
PINHEAD_2X05_127	Samtec FTSH-105-01-L-D	CMP-667845-3	P1, P2, P3	CLEAR GLOVE BX 100 M - More Details	3
PCB	C&K	CMP-	PowerSwitch1	Switch Slide ON-ON SPDT Top Slide 0.1A	1

PINHEAD_2X05_127	Samtec FTSH-105-01-L-D	CMP-667845-3	P1, P2, P3	CLEAR GLOVE BX 100 M - More Details	3
PCB-5zgzxay76ut73c17ajyg-1	C&K Components OS102011MS2QN1	CMP-48a681899f6c9761-2	PowerSwitch1	Switch Slide ON ON SPDT Top Slide 0.1A 12VDC 10000Cycles PC Pins Thru-Hole Bulk	1
ONSC-TO-220-3-221A-09	MJE15033G	CMP-19307563-2	Q1, Q2, Q3, Q4	Complementary Silicon Plastic Power Transistor, 3-Pin TO-220, Pb-Free, Tube	4
PCB-cw54qq2phgm0nfhantw-1	R10k	CMP-b5607e08e64f6aa7-2	R1, R2, R3, R4, R5, R6, R7, R8, Reset_R1	ERG Series Axial Through Hole Fixed Resistor 56Ohms +/-5% 1W +/-350ppm/degC	9
PCB-cw54qq2phgm0nfhantw-1	R170	CMP-b5607e08e64f6aa7-2	RDiode1	ERG Series Axial Through Hole Fixed Resistor 56Ohms +/-5% 1W +/-350ppm/degC	1
PCB-ak3obnv6pp2pa0ft5w2m-1	SWITCH-TACTILE-4	CMP-1275081-4	ResetSW1	Tact Switch 12x12, 4mm THT 4pin black	1
TI-D8_L	UCC381DPTR-5	CMP-1495550-2	U1	Single Output LDO, 1 A, Fixed 5 V Output, 5.6 to 9 V Input, with Low IQ, 8-pin SOIC (D), 0 to 70 degC, Green (RoHS & no Sb/Br)	1
					27

Approved   **Notes**