

Bill of Materials

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Source Data From: MechanicalShutter.PrjPcb

Project: MechanicalShutter.PrjPcb

Variant: None

 Creation Date:
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 43027
 43027.98245

242431 Banana CAP	242431	LibRef	Designator	Description	Quantity
Banana CAP		242431	+5/+3.3V, Bat+, GND	Banana PCB Connector	3
-	212101	242401	10/10.0V, Batt, GNB	Banana i OB Connector	
	3.3uF	CGA5L3X7S2A3	C2	CAP CER 3.3UF 100V X7S 1206	1
1206/3216 -		35K160AB			
1.8MM					
Radial	680uF	EEUFR1J681L	C3	CAP ALUM 680UF 20% 63V Through Hole	1
Capacitor					
12.5mm					
	SD101AW-7-F		D9, D10, D16, D17	DIODE SCHOTTKY 60V 15MA SOD123	4
ST DO214AB	SMCJ43CA	SMCJ43CA	D11, D12, D13, D14, D15	TVS DIODE 43VWM 69.4VC SMC	5
SMC					
MOLEX SD-	5-1814400-1	5-1814400-1	DIR 1, DIR 2, PWM 1, PWM 2	CONN SMA JACK R/A 50 OHM PCB	4
73100-0114	3 1014400 1	3 1014400 1	511(1, 511(2, 1 VVIVI 1, 1 VVIVI 2	CONTROLLING CONTROL	
	FSM4JSMATR	FSM4JSMATR	DIS	SWITCH TACTILE SPST-NO 0.05A 24V	1
FSM4JSMA					
Cable Hole	Cable Hole	Cable Pad AWG	GND_H1, V+_H1		2
6.54mm	6.54mm	2			
MOLEX KK	0022272021	0022272021	HCPWR, PWR	CONN HEADER 2POS .100 VERT TIN	2
0022272021					
	LED0		LED_DIS	Typical INFRARED GaAs LED	1
	0022272061	0022272061	LOG1	CONN HEADER 6POS .100 VERT TIN	1
0022272061	0705550044	0705550044	1.0010.0011	OONNUISA DED 7000 400 D/A 45AU	
MOLEX SDA- 70555-7PIN	0705550041	0705550041	LOGIC_CON	CONN HEADER 7POS .100 R/A 15AU	1
	H1	Cable Pad AWG	MOTOR3	 	1
6.54mm	• • • • • • • • • • • • • • • • • • • •	2	WOTOKS		
	H2	Cable Pad AWG	MOTOR4		1
6.54mm		2			
INFINEON	IPT020N10N3AT	IPT020N10N3AT	Q5, Q6, Q7, Q8	MOSFET N-CH 100V 300A 8HSOF	4
PG-HSOF-8-	MA1	MA1			
1					
_	9.53k	ERJ-	R1, R2, R3, R4, R19	RES SMD 9.53K OHM 1% 1/4W 1206	5
1206/3216		8ENF9531V			
	5.1	ERJ-	R6, R7, R8, R9, R10	RES SMD 5.1 OHM 5% 1/4W 1206	5
1206/3216	100	8GEYJ5R1V	P20	DES SMD 400 OLIM 0 49/ 4/4W 4206	
RES 1206/3216	100	ERA-8AEB101V	R20	RES SMD 100 OHM 0.1% 1/4W 1206	'
1200/3210					43
Approved		Notes			40
фрин					
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