

# RGB strip – Bill of Materials

Rev.: 1,0

Made By: Enrique Gómez

Verify By:

Date: 03/09/19

Item	Designator	Description	Ordering code	Supplier	Manufacturer	Footprint	Qty.	Ordering code 2	Supplier 2	Value
1	Q1,Q2,Q3,Q4	N-channel MOSFET	771-PMV20XNEAR	Mouser	Nexperia	SOT-23	4	PMV20XNEAR	Nexperia	
2	U1	Linear regulator	863-MC33275DT-3.3RKG	Mouser	ON Semicon	TO-252-2	1	MC33275DT-3.3RKG	ON Semicon	
3	J1	Power Jack	992-CON-SOCJ-2155	Mouser	Gravitech	5,5/2,1 mm	1	CON-SOCJ-2155	Gravitech	
4	C1,C2	Multilayer ceramic capacitor	791-0603X334K250CT	Mouser	Walsin Tech Corp	0603	2	0603X334K250CT	Walsin Tech Corp	
5	R1,R2,R3	Resistor 10k	667-ERJ-PB3B1002V	Mouser	Panasonic	0603	1	ERJPB3B1002V	Panasonic	
6	SW1	Push button	688-SKQYAF	Mouser	ALPS	6,10/3,7 mm	1	SKQYAFE010	ALPS	
7	D2	Bicolor led	604-APHB1608QBDCGKC	Mouser	Kingbright	0603	1	APHB1608QBDCGKC	Kingbright	
8	R5	Resistor 15 ohm	667-ERJ-3GEYJ150V	Mouser	Panasonic	603	1	ERJ-3GEYJ150V	Panasonic	
9	R4	Resistor 60,4 ohm	667-ERJ-3EKF60R4V	Mouser	Panasonic	0603	1	ERJ-3EKF60R4V	Panasonic	
10	U2	ESP8266	C82891	LCSC	Ai-Thinker	Module	1	ESP-12F(ESP8266MOD)	Ai-Thinker	
11	J2	Header strip				01x04				
12										

Notas: