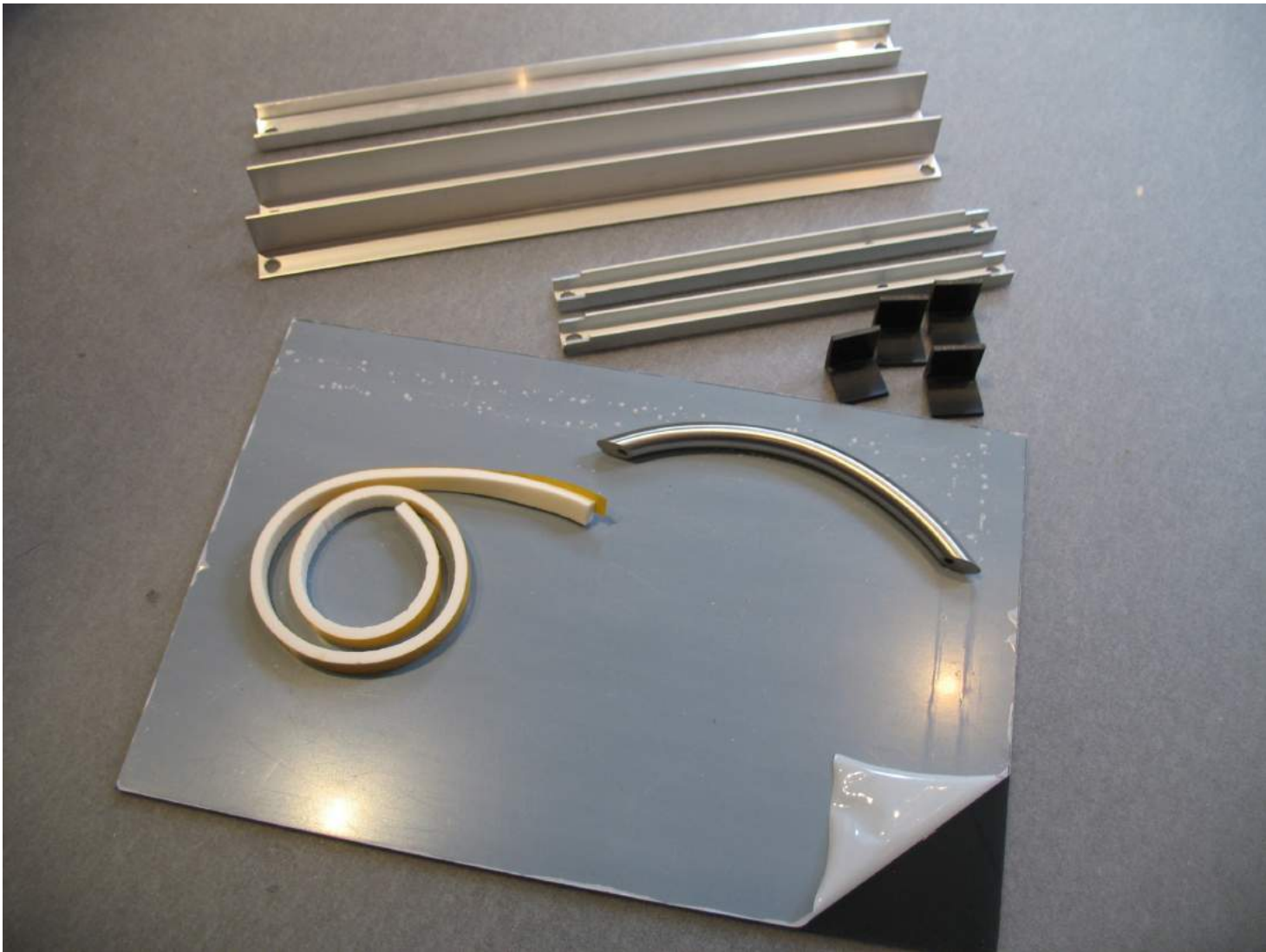
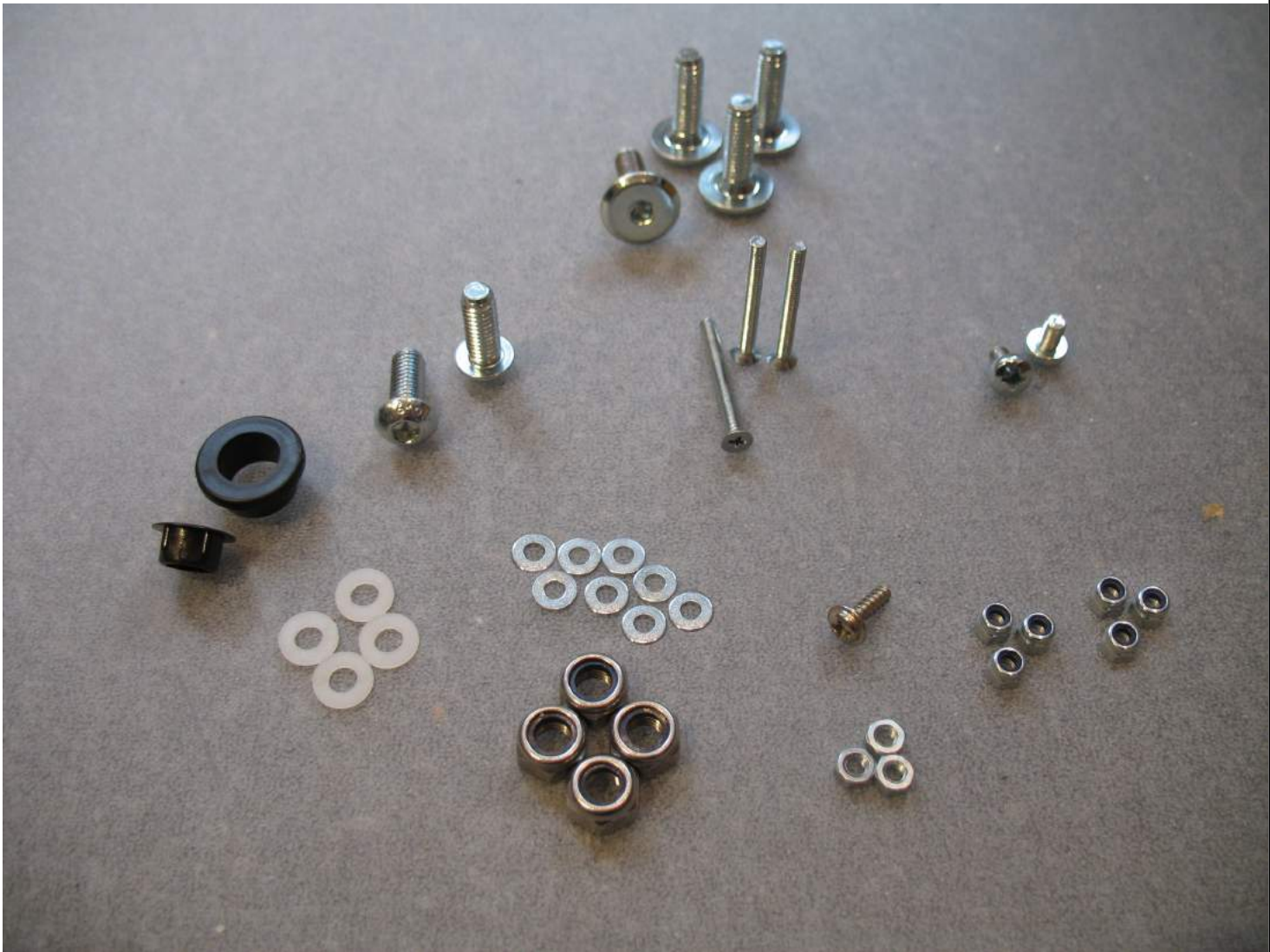
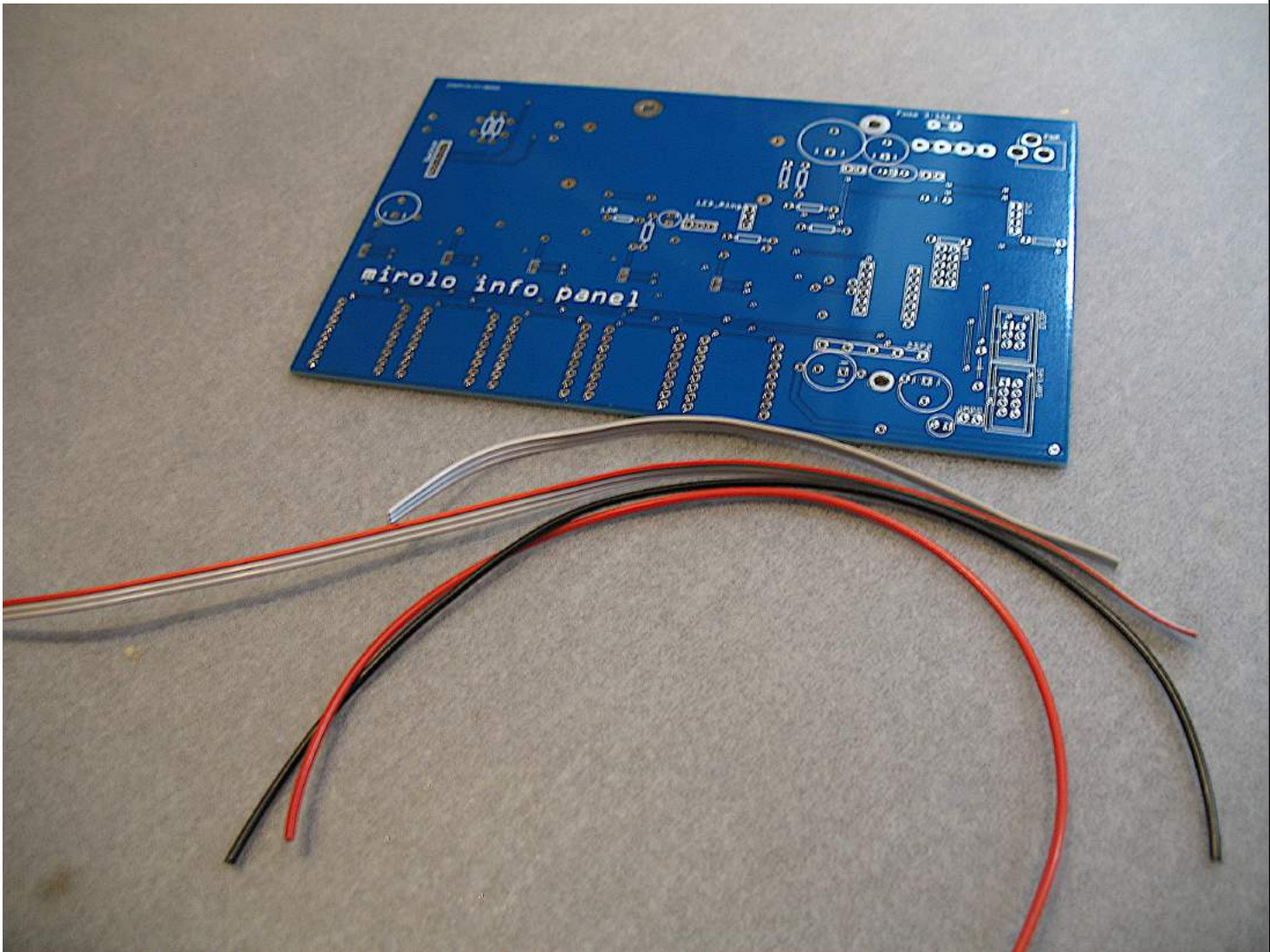
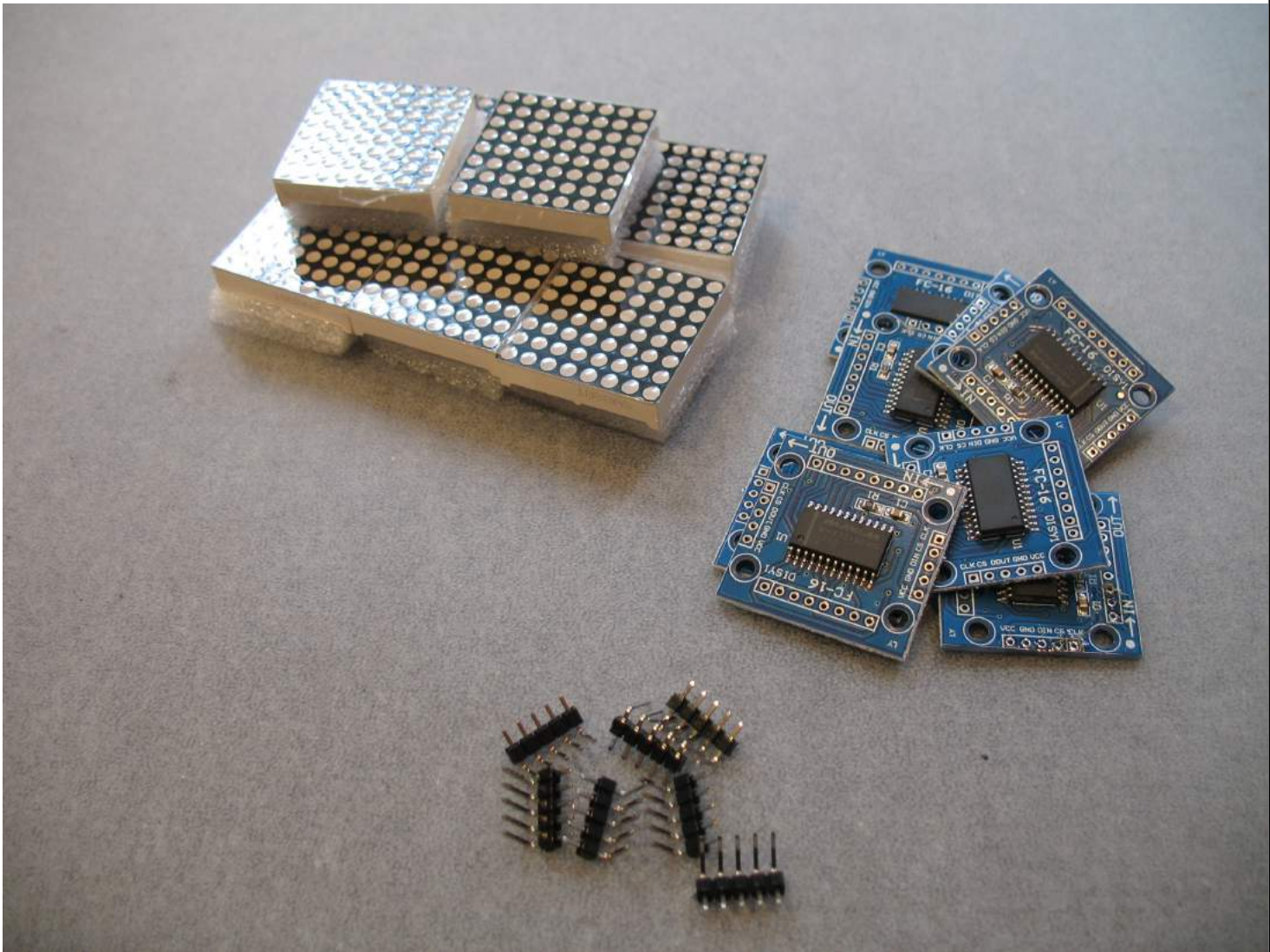


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	1x	Al U-profile 1x10x20x300															
	2x	Al U-profile 1x10x12x190															
	2x	Al L-profile 1.5x15x25x300															
	4x	Plastic L-profile 3x20x22x20															
B	1x	Adhesive Foam Seal 600mm															
	1x	Furniture Handle ca. 130mm															
	1x	Acrylic Transparent Glass 3x200x300															
C																	
D																	
E																	
F																	
G																	
H																	
Author: Simon				Frame Material - mirolo 2M05081R16										File: Material List			
Date: 05.05.19														Folio: 1/6			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17										
A	4x	Flat Head Bolt M6x20																									
	2x	Round Head Bolt M6x15																									
	3x	Countersunk Bolt M3x26																									
	2x	Round Head Bolt M4x6																									
B	1x	Screw 3mm																									
	4x	Plastic Washer M4																									
	8x	Washer M3																									
	4x	Self-Retaining Nut M6																									
C	6x	Self-Retaining Nut M3																									
	3x	Nut M3																									
	1x	Rubber Cable Gromit 9/13mm																									
	1x	Plastic Hole Plug 10mm																									
D																											
E																											
F																											
G																											
H																											
Author: Simon				Frame Material - mirolo 2M05081R16										File: Material List													
Date: 05.05.19														Folio: 2/6													

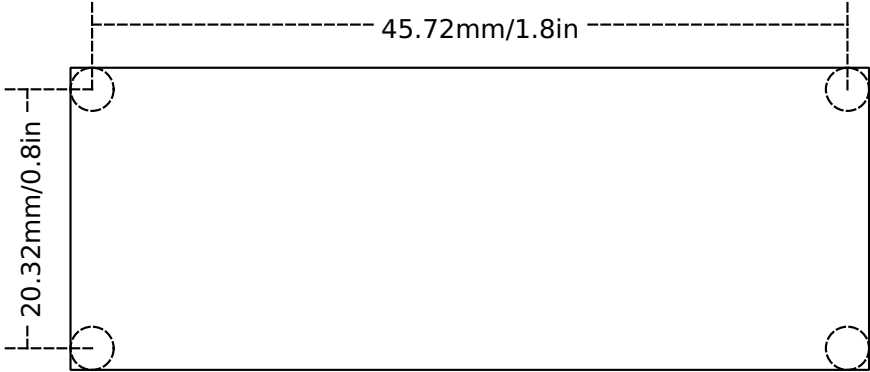
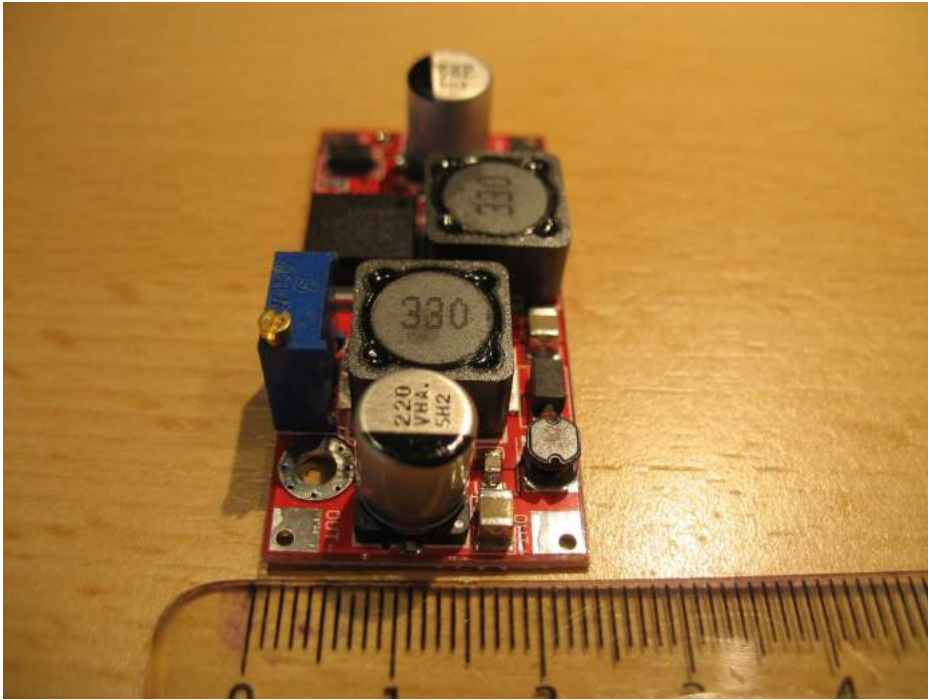


	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	1x		PCB mirolò 2M05081R16														
	2x		Ribbon Cable 3 core 200mm														
	2x		Stranded Wire 0.25mm² 200mm														
B																	
C																	
D																	
E																	
F																	
G																	
H																	
Author: Simon				Electronics - mirolò 2M05081R16										File: Material List			
Date: 05.05.19														Folio: 3/6			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	8x	AS1080 3mm LED Matrix Red															
	8x	FC-16 MAX7219 Board															
	7x	90° Pin Connector 5p male															
B																	
C																	
D																	
E																	
F																	
G																	
H																	
Author: Simon				Electronics - mirolo 2M05081R16										File: Material List			
Date: 05.05.19														Folio: 4/6			



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A	1x	WS2812 16 LED Ring															
	2x	SMD 1206 LED Red															
	5x	788BW 1.9mm LED Matrix White															
	5x	SMD SO-24DW MAX7219 LED Driver															
	10x	Precision pin connector 8p female															
B	1x	90° pin Connector 5p male															
	1x	90° pin Connector 2p male															
	1x	90° PS-Connector 4p male															
	1x	90° Box Header 6p															
	1x	90° Box Header 8p															
C	1x	Power Connector 2.1/5mm															
	1x	Jumper Connector															
	1x	Capacitor 1000µF16V															
	4x	Capacitor 100µF/63V															
	1x	Capacitor 2.2µF/100V															
D	1x	Capacitor 22µF/16V															
	2x	Capacitor 0.068µF/100V															
	1x	Capacitor 150pF/16V															
	2x	Capacitor 22pF/16V															
	4x	SMD 1206 Capacitor 0.4µF/16V															
E	1x	SMD SOT-223 AMS1117 3.3V Regulator															
	1x	DC/DC Buck-Boost Converter Module															
	1x	IR Receiver GUV701Q 48kHz															
	1x	SMD TQFP44 Atmega 1284p															
	1x	Mini Fuse 3.15A T															
F	1x	Mini Fuse Socket															
	2x	Momentary Push Button 12x12mm															
	1x	enc28j60 mini LAN module															
	1x	Quartz Crystal 20MHz															
	1x	4 Channel Bidirectional Level Shifter															
G	1x	Bridge Rectifier GBU8M															
	3x	Schottky Diode 1N5819 1A/40V															
	1x	PFW1051 LDR 5-10k (Photo Resistor)															
	1x	Resistor 33															
	1x	Resistor 100															
H	1x	Resistor 150															
	2x	Resistor 680															
	1x	Resistor 6.8k															
	1x	Resistor 10k															
	5x	SMD 1206 Resistor 10k															
	1x	Velcro Strip 80mm															
Author: Simon		Electronics - mirolo 2M05081R16												File: Material List			
Date: 05.05.19														Folio: 5/6			

A	XL6009 DC/DC Buck/Boost Converter Module																
B																	
C																	
D																	
E																	
F																	
G																	
H																	

