Example 1- Node Red Dashboard and Led Strips

ITEM	QTY	Where to buy	Extra
Arduino UNO	1	https://www.digikey.com/products/en?keywords=1050-1041-ND	
Arduino UNO click SHIELD	1	https://www.digikey.com/products/en?keywords=1471-1341-ND%E2%80%8E	
Addressable White LED Strip 1m	1	https://www.sparkfun.com/products/13898	
Addressable Lighting Dotstar 144 RGB LED Strip 1m	1	https://www.digikey.com/products/en?keywords=1528-1481-ND	
FT click	2	https://www.mikroe.com/ft-click	
12VDC 2A Power Supply (5.4mm OD barrel connector)	1		
5VDC 2A Power Supply for the LED strips	1		
USB Type A to Type B cable	1		
RASPBERRY PI 3 MODEL B+	1	https://www.digikey.com/products/en?keywords=1690-1025-ND%E2%80%8E	
PI 3 click Shield	1	https://www.digikey.com/products/en?keywords=1690-1022-ND	
Power Supply	1		https://www.raspberrypi.org/documentation/installation/sd-cards.md
32GB Micro SD card	1		
Interconnection Cable	1		http://downloads.echelon.com/support/documentation/bulletin/005-0023-01O_Jbox_wiring.pdf

Example 2- Node Red Dashboard and Enviromental sensor

ITEM	QTY	Where to buy	Extra
STM32 Nucleo-F429ZI	1	https://www.digikey.com/products/en?keywords=497-16280-ND	
Arduino UNO click SHIELD	1	https://www.digikey.com/products/en?keywords=1471-1341-ND%E2%80%8E	
BME 680 Environmental click	1	https://www.digikey.com/products/en?keywords=1471-1849-ND	
FT click	2	https://www.mikroe.com/ft-click	
USB Type A to Micro B cable	1		
RASPBERRY PI 3 MODEL B+	1	https://www.digikey.com/products/en?keywords=1690-1025-ND%E2%80%8E	
PI 3 click Shield	1	https://www.digikey.com/products/en?keywords=1690-1022-ND	
Power Supply	1		https://www.raspberrypi.org/documentation/installation/sd-cards.md
32GB Micro SD card	1		
Interconnection Cable	1		http://downloads.echelon.com/support/documentation/bulletin/005-0023-01O_Jbox_wiring.pdf

Example 3- Push Button and Led driver 3 Click

ITEM	QTY	Where to buy	Extra
STM32 Nucleo-F429ZI	2	https://www.digikey.com/products/en?keywords=497-16280-ND	
Arduino UNO click SHIELD	2	https://www.digikey.com/products/en?keywords=1471-1341-ND%E2%80%8E	
LED Driver 3 click	1	https://www.mikroe.com/led-driver-3-click	
Button G click	1	https://www.mikroe.com/button-g-click	
FT click	2	https://www.mikroe.com/ft-click	
USB Type A to Micro B cable	2		
Interconnection Cable	1		http://downloads.echelon.com/support/documentation/bulletin/005-0023-01O_Jbox_wiring.pdf