

Bill Of Materials / nomenclature

NPR 70 modem v02

	Designation	Supplier or distributor	Distributor ref.	Inclusive tarif Tarif TTC €	Quantity	Sub total €
	PCB	JCL PCB		2.00	1	2.00
	Enclosure / boitier Tekko 3A 72x102x28mm	Conrad	520039 - 62	5.30	1	5.30
	Rubber feet 11mmx5mm	Conrad	525774	0.23	4	0.92
	Standoff, M3x5mm, Male-Female	Farnell	2494585	0.36	5	1.82
	Toggle switch multicom 1MD1T1B1M1RE	Farnell	9473521	3.06	1	3.06
	LM2596 voltage regulator Module	Itead, Bangood		3.00	1	3.00
	RF4463 radio module	NiceRF	RF4463F30	10.00	1	10.00
	STM Nucleo STM32L432KC	Farnell	2580786	11.35	1	11.35
	Eth WIZ click W5500	Farnell	2521700	19.57	1	19.57
	LED 3mm 60° 20mA RED	Conrad	184282	0.18	2	0.36
	LED 3mm 60° 20mA YELLOW	Conrad	1573698	0.18	1	0.18
	LED 3mm 60° 20mA GREEN	Conrad	1573700	0.18	1	0.18
	2.1mm power supply connector	Farnell	2472144	0.96	1	0.96
	SMA connector 90° through hole	Farnell	2293854	5.80	1	5.80
C2 to C9, C13, C14	capacitor X7R 100nF package 1206	Farnell	718646	0.18	10	1.80
C1, C10, C11, C12	tantalum capacitor 220uF 10V package 2917 [7343 Metric] 0.125Ohms	Farnell	9229280	1.87	4	7.49
	L4940V5 5V voltage regulator	Farnell	9756060	1.39	1	1.39
	LM2937ET-3.3 3.3V voltage regulator or LF33CV	Farnell Farnell	8207305 9755322	1.02	1	1.02
R1	0 Ohm resistor. Package 0805 Can be a simple wire.			0.00	1	0.00
R2 to R7	R 10kOhm SMD package 0805	Farnell	9237755	0.05	6	0.30
R8 to R11	R 120Ohm SMD package 0805	Farnell	1652914	0.05	4	0.20
R12	R 3.9kOhm SMD package 0805	Farnell	2057713	0.05	1	0.05
	23LC1024 SRAM SPI package SOIC8	Farnell	2212150	2.16	1	2.16
D7 to D9	Shottky diode STPS2L60A package D0214AC	Farnell	1702810	0.42	3	1.26
T1	BC847B Transistor NPN SOT-23	Farnell	1574343	0.13	1	0.13

grand total inclusive/TTC €	80.30
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Distributor and prices given just for example. No price optimization.