

BOM Part-list for NAVIPANEL 8TE-Frontpanel-Midi-to-CV-Pedal-USB

Part	Value	Detailed Description
C2	100nF	CAPACITOR
CV-OUT-A	WQP518MA-MONO	Black Thonkiconn Mono 3.5mm Audio Jacks
CV-OUT-B	WQP518MA-MONO	Black Thonkiconn Mono 3.5mm Audio Jacks
CV-OUT-C	WQP518MA-MONO	Black Thonkiconn Mono 3.5mm Audio Jacks
CV-OUT-D	WQP518MA-MONO	Black Thonkiconn Mono 3.5mm Audio Jacks
EURORACK_CABLE	Flatcable_16pol_20cm	Flatcable_16pol_20cm
GATE-OUT	WQP518MA-MONO	Black Thonkiconn Mono 3.5mm Audio Jacks
H1	STANDOFF_M3X11mm_I/I_V2A	STANDOFF_M3X11mm_I/I_V2A
H2	STANDOFF_M3X11mm_I/I_V2A	STANDOFF_M3X11mm_I/I_V2A
H3	STANDOFF_M3X11mm_I/I_V2A	STANDOFF_M3X11mm_I/I_V2A
H30-H31	2x_WASHER_DIN125A_3,2mm_for_distance	2x_WASHER_DIN125A_3,2mm_for_distance
H4	STANDOFF_M3X11mm_I/I_V2A	STANDOFF_M3X11mm_I/I_V2A
H40-	1x_NUTS_DIN127_M3_for_Standoff_M3x15mm	1x_NUTS_DIN127_M3_for_Standoff_M3x15mm
H5	STANDOFF_M3X12mm_I/A_brass	STANDOFF_M3X12mm_I/A_brass
H50-H54	5x_SCREWS_M3x5mm_ISO7380-1_V2A	5x_SCREWS_M3x5mm_ISO7380-1_V2A
JUMPER	JUMPER 2pol.	JUMPER 2pol.
LED1	LED1/+5V	3mm_red_low_current
LED1-4_STANDOFF	4x_LED3mm-STANDOFF_d5x9mm	4x_LED3mm-STANDOFF_d5x9mm (000183421)
LED2-GATE-OUT	LED2-GATE-OUT	3mm_red_low_current
LED3	LED3/+12V	3mm_red_low_current
LED4	LED4/-12V	3mm_red_low_current
PCB_BREAKOUT	8TE-Midi-to-CV-Pedal-USB_V3-R02-v76_02-07-2025	8TE-Midi-to-CV-Pedal-USB_V3-R02-v76_02-07-2025
PCB_BREAKOUT1	Amphenol-TRS-6-35-Breakout-v46_20-08-2025	Amphenol-TRS-6-35-Breakout-v46_20-08-2025
PCB_BREAKOUT3	8TE-Frontpanel-Midi-to-CV_V1-v11_21-05-2025	8TE-Frontpanel-Midi-to-CV_V1-v11_21-05-2025
R1	680R	RESISTOR, European symbol
R2	680R	RESISTOR, European symbol
R3	1K8	RESISTOR, European symbol
R4	1K8	RESISTOR, European symbol
S1	PWR Eurorack / DPDT Latching Push Button WHITE	DPDT Latching Push Button WHITE thonk.co.uk
S2	Polarzid Volume/DPDT Latching Push Button GREEN	DPDT Latching Push Button GREEN thonk.co.uk
TRS-SUSTAIN	1x Amphenol-TRS-6.35mm_Jacks-vertikal	1x Amphenol-TRS-6.35mm_Jacks-vertikal ASJS-MV-3
TRS-VOLUME	1x Amphenol-TRS-6.35mm_Jacks-vertikal	1x Amphenol-TRS-6.35mm_Jacks-vertikal ASJS-MV-3
TRS-X8	1x Pin-Header 6pol for TRS Breakout	1x Pin-Header 6pol for TRS Breakout
USB-4-CABLE	1x USB4_Cable_20cm_4pol	1x USB4_Cable_20cm_4pol
X1	Expa.Board 8TE	HARTING
X1W not used	Expa.Board 8TE not used	PIN HEADER 2x 8pol 90° not used
X2	EURORACK_IN	HARTING
X3	Vertical,Top Entry USB Connector KUSBVX Series	Vertical,Top Entry USB Connector KUSBVX Series
X4B	USB-4	PIN HEADER 1x4pol
X5	EURORACK POWER	PIN HEADER 1x4pol

Part	Value	Detailed Description
X6	EURORACK GATE/CV	PIN HEADER 1x3pol
X7	TRS-Breakout FEMALE 6pol	FEMALE HEADER 6pol