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|||||111|||99999|||00000|||111|||2222222|||666666|||
||||11111|||99||99|OO||OO|11111|||222|66|||
||||111|||9999999|OO||OO||111|||2222222|6666666|||
||||111|||99|OO||OO||111|||222|||66||66|||
||||1111111|999999|||00000||1111111|2222222||666666|||

```

||| **BLOCCO D** ||| [1470 mA]

/Pressure Point

```

1 PRES -->
1 GATE -->
2 PRES -->
2 GATE -->
3 PRES -->
3 GATE -->
4 PRES -->
4 GATE -->
X VOLT --> 1 (+) Quad Inverter (TipTop Verde)
              M.PITCH Mutant Machine (Doepfer Giallo)
              RES Comb (Doepfer Grigio)
              (-) S.PITCH Mutant Machine (TipTop Rosso)
              FREQ Comb (Doepfer Grigio)
Y VOLT --> 2 (+) Quad Inverter (TipTop Verde)
              FM MF-107A (Doepfer Giallo)
              S.DECAY (Doepfer Nero)
              (-) M.DECAY Mutant Machine (TipTop Verde)
              FM MF-107B (Doepfer Nero)
Z VOLT --> 3 (+) Quad Inverter (TipTop Verde)
              P.DECAY Mutant Machine (Doepfer Giallo)
              FREQ MF-107A (Doepfer Giallo)
              FREQ MF-107B (TipTop Giallo)
              DECAY EG (Doepfer Giallo)
              (-) CV Aperture (TipTop Giallo)

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/Brains

```

CLK <-- 1 Patch-bay (Befaco Nero)
RST <--
RUN <--
DIR <-- CLOCK Mutant Machine (TipTop Verde)
T-GATE -->
T-CLK <--

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/Quad Inverter

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1 (+) <-- X VOLT Pressure Point (TipTop Verde)
      --> M.PITCH Mutant Machine (Doepfer Giallo)

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--> RES Comb (Doepfer Grigio)
1 (-) --> S.PITCH Mutant Machine (TipTop Rosso)
--> FREQ Comb (Doepfer Grigio)
2 (+) <-- Y VOLT Pressure Point (TipTop Verde)
--> FM MF-107A (Doepfer Giallo)
--> S.DECAY Mutant Machine (Doepfer Nero)
2 (-) --> M.DECAY Mutant Machine (TipTop Verde)
--> FM MF-107B (Doepfer Nero)
--> ENV MF-105M (Doepfer Giallo)
3 (+) <-- Z VOLT Pressure Point (TipTop Verde)
--> P.DECAY Mutant Machine (Doepfer Giallo)
--> FREQ MF-107A (Doepfer Giallo)
--> FREQ MF-107B (TipTop Giallo)
--> DECAY EG (Doepfer Giallo)
3 (-) --> CV Aperture (TipTop Giallo)
4 (+) <-- P.DECAY (TipTop Verde)
4 (-) --> WAVE MF-107A (Doepfer Giallo)
--> ENV MF-107B (TipTop Rosso)

```

/Mutant Machine

```

TRIG <-- 1 Patch-bay (Doepfer Giallo)
ACCENT <--
WAVE 1 <--
WAVE 1 -->
M.PITCH <-- 1 (+) Quad Inverter (Doepfer Giallo)
WAVE 2 -->
CLOCK <--
CLOCK --> DIR Pressure Point (TipTop Verde)
SYNC Sampling Modulator (Doepfer Nero)
FREQ <--
ENABLE <--
M.DECAY <-- 2 (-) Quad Inverter (TipTop Verde)
A.DECAY <--
P.DECAY <-- 3 (+) Quad Inverter (Doepfer Giallo)
P.DECAY --> 4 (+) Quad Inverter (TipTop Verde)
(-) WAVE MF-107A (Doepfer Giallo)
ENV MF-107B (TipTop Rosso)
SNAPPY <--
S.DECAY <-- 2 (+) Quad Inverter (Doepfer Nero)
S.PITCH <-- 1 (-) Quad Inverter (TipTop Rosso)
WAVES -->
OUT --> IN Comb (TipTop Verde)
NOISE -->

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/Unity Mixer [D]

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1 <-- Bi Balad (Doepfer Blu)
2 <-- VCO MF-107A (Doepfer Nero)
3 <-- VCO MF-107B (Doepfer Nero)

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A --> AUDIO MF-105M (TipTop Verde)
4 <--
5 <--
6 <--
B -->

/Sampling Modulator

SYNC <-- CLOCK Mutant Machine (Doepfer Nero)
CLOCK --> TRIG Euclid (TipTop Verde)
TRIGG --> TRIG Brst (TipTop Verde)
CV <--
IN <--
HOLD <--
OUT -->

/Comb

IN <-- OUT Music Machine (TipTop Verde)
FREQ <-- 1 (-) Quad Inverter (Doepfer Grigio)
RES <-- 1 (+) Quad Inverter (Doepfer Grigio)
DAMP <--
OUT --> CH 1 Mutamix (Doepfer Rosso)
CH 6 Mutamix (TipTop Verde)

/Euclid

TRIG <-- CLOCK Sampling Modulator (TipTop Verde)
RESET <--
LENGHT <--
STEPS <--
OUT --> 5 Patch-bay (Doepfer Giallo)

/Brst

TRIG <-- TRIGG Sampling Modulator (TipTop Verde)
PULSES <--
RATE <--
OUT --> 6 Patch-bay (Doepfer Giallo)

/EG

TRIG <-- 4 Patch-bay (Doepfer Nero)
ATTACK <--
DECAY <-- 3 (+) Quad Inverter (Doepfer Giallo)
OUT --> KLANG Aperture (TipTop Verde)

/Delay

IN <-- BUS a Mutamix (Doepfer Rosso)

TIME <--
FDBK <--
MIX <--
OUT --> 1 Unity Mixer [A] (TipTop Verde)
 4 Unity Mixer [A] (Doepfer Rosso)

/Aperture

KLANG <-- OUT EG (TipTop Verde)
CV <-- 3 (-) Quad Inverter (TipTop Giallo)
IN <-- AUDIO MF-107B (TipTop Verde)
OUT --> CH 2 Mutamix (Doepfer Rosso)

/Patch-bay

1 --> CLK Brains (Befaco Nero)
2 --> TRIG Mutant Machine (Doepfer Giallo)
3 --> RATE MF-105M (Doepfer Giallo)
4 --> TRIG EG (Doepfer Nero)
5 <-- OUT Euclid (Doepfer Giallo)
6 <-- OUT Brst (Doepfer Giallo)

/MF-107A

AUDIO <--
FREQ <-- 3 (+) Quad Inverter (Doepfer Giallo)
WAVE <-- 4 (-) Quad Inverter (Doepfer Giallo)
ENV <--
FM <-- 2 (+) Quad Inverter (Doepfer Giallo)
MIX <--
ENV -->
VCO --> 2 Unity Mixer [B3] (Doepfer Nero)
AUDIO --> CH 4 Mutamix (Doepfer Grigio)

/MF-105M

AUDIO <-- A Unity Mixer [D] (TipTop Verde)
LFO <--
RATE <-- 3 Patch-bay (Doepfer Giallo)
STEP <--
ENV <-- 2 (-) Quad Inverter (Doepfer Giallo)
LEFT <-- RIGHT MF-105M (TipTop Verde)
RIGHT --> LEFT MF-105M (TipTop Verde)
 CH 3 Mutamix (Doepfer Rosso)

/MF-107B

AUDIO <-- AUDIO MF-107A (Doepfer Nero)
FREQ <-- 3 (+) Quad Inverter (TipTop Giallo)
WAVE <--

ENV <-- 4 (-) Quad Inverter (TipTop Rosso)
FM <-- 2 (-) Quad Inverter (Doepfer Nero)
MIX <--
ENV -->
VCO --> 3 Unity Mixer [D] (Doepfer Nero)
AUDIO --> IN Aperture (TipTop Verde)

||| **REGIA** |||||||||||||||||||||||||||||||||||||||| [352 mA]

/Mutamix

CH 1 <-- OUT Comb (Depfer Rosso)
MUTE 1 <--
CH 2 <-- OUT Aperture (Depfer Rosso)
MUTE 2 <--
CH 3 <-- AUDIO MF-105M (Doepfer Rosso)
MUTE 3 <--
CH 4 <--
MUTE 4 <--
CH 5 <--
MUTE 5 <--
CH 6 <-- OUT Comb (TipTop Verde)
MUTE 6 <--
BUS A --> IN Delay (Doepfer Rosso)
BUS B --> IN 1 Spring Reverb (TipTop Verde)
 IN 2 Spring Reverb (Doepfer Giallo)
BUS C --> 2+5 Unity Mixer [A] (Y Rosso)

/Spring Reverb

IN 1 <-- BUS B Mutamix (TipTop Verde)
 WET Spring Reverb (Doepfer Giallo)
CV 1 <--
IN 2 <-- WET Spring Reverb (TipTop Verde)
 BUS B Mutamix (Doepfer Giallo)
CV 2 <--
MIX --> 3+6 Unity Mixer [A] (Y Rosso)
MIX CV <--
WET --> IN 2 Spring Reverb (TipTop Verde)
 IN 1 Spring Reverb (Doepfer Giallo)

/Unity Mixer [A]

1 <-- 4 Unity Mixer [A] (TipTop Verde)
2 <-- BUS C Mutamix (Y Rosso)
3 <-- MIX Spring Reverb (Y Rosso)
A --> IN L MSCL (TipTop Verde)
4 <-- OUT Delay (Doepfer Rosso)
5 <-- BUS C Mutamix (Y Rosso)
6 <-- MIX Spring Reverb (Y Rosso)

