

Count	Component Name	Designation	Notes
1	MAIN BOARD	LD030	
10	1N4003	CR1	
	1N4003	CR2	
	1N4003	CR3	
	1N4003	CR4	
	1N4003	CR6	
	1N4003	CR7	
	1N4003	CR9	
	1N4003	CR10	
	1N4003	CR11	
	1N4003	CR12	
6	1N4148	CR5	
	1N4148	CR8	
	1N4148	CR13	
	1N4148	CR14	
	1N4148	CR15	
	1N4148	CR16	
6	5.6R	R16	
	5.6R	R17	
	5.6R	R45	
	5.6R	R47	
	5.6R	R60	
	5.6R	R61	
2	1k	R27	
	1k	R42	
2	1.2k	R28	
	1.2k	R43	
2	1.5k	R56	
	1.5k	R57	
2	1.6k	R36	
	1.6k	R44	
3	1.8k	R6	
	1.8k	R12	
	1.8k	R13	
2	2.2k	R23	

2.2k	R25
2 2.2Meg	R54
2.2Meg	R55
2 2.2R	R10
2.2R	R11
5 3.3k	R5
3.3k	R29
3.3k	R30
3.3k	R40
3.3k	R41
2 3.6k	R3
3.6k	R4
1 4.3k	R14
2 5.6Meg	R52
5.6Meg	R53
3 6.8k	R31
6.8k	R34
6.8k	R49
2 10k	R21
10k	R39
2 10R	R18
10R	R19
1 24k	R37
1 47k	R50
1 82k	R26
11 100k	R1
100k	R2
100k	R7
100k	R8
100k	R15
100k	R20
100k	R38
100k	R46
100k	R48

100k	R58	
100k	R59	
1 100R	R35	
1 120k	R33	
2 270R	R22	
270R	R24	
2 330R	R32	
1 OMIT	R51	BUS FEED RESISTOR
1 10R/1W	R9	CARBON TYPE
2 INDUCTOR_BEAD	L1	
INDUCTOR_BEAD	L2	
8 TESTPOINT	TP6	+16V
TESTPOINT	TP5	-16V
TESTPOINT	TP4	GND
TESTPOINT	TP2	PHASE OUT
TESTPOINT	TP7	PREAMP IN HI
TESTPOINT	TP8	PREAMP IN LO
TESTPOINT	TP1	PREAMP OUT
TESTPOINT	TP3	TO O/P
9 100n/50V / 2.5MM X7R CERAMIC	C4	
	C7	
	C8	
	C9	
	C12	
	C24	
	C35	
	C50	
	C51	
1 100n/100V	C37	
1 10p 100V NPO	C22	
7 22p 100V NPO	C5	
	C13	
	C14	
	C23	
	C34	

	C44
	C45
1 10pF 100V NPO	C32
4 100p/100V 2.5mm COG/NPO	C20
	C21
	C38
	C39
2 470n 5mm 5% FILM	C42
	C43
1 1000pF/100V	C36
1 100pF 100V	C31
1 OMIT	C33
1 OMIT	VC1
4 FILTER_CAPACITOR	CL1
	CL2
	CL3
	CL4
2 PTC RESETABLE FUSE	PTC1
	PTC2
3 BC560C	Q1
BC560C	Q2
BC560C	Q3
1 2N3906	Q4
4 8PIN TURNED DIL SOCKET	
1 14PIN DTURNED DIL SOCKET	
2 OP275GP	U1
OP275GP	U5
1 THAT1646PO8-U	U2
1 THAT320	U3
1 NE5532P	U4
1 22u/63V	C41
7 47u/25V	C16
47u/25V	C17

OMIT
OMIT

**INSERT THE ICS AFTER ALL OF THE
COMPONENTS ARE SOLDERED.**

47u/25V	C25
47u/25V	C29
47u/25V	C30
47u/25V	C48
47u/25V	C49
2 10u/35V NON POLAR	C6
10u/35V NON POLAR	C15
2 47u/63V	C28
47u/63V	C40
8 220u/25V	C3
220u/25V	C10
220u/25V	C11
220u/25V	C19
220u/25V	C26
220u/25V	C27
220u/25V	C46
220u/25V	C47
1 470u/25V	C18
2 3300u/6.3V	C1
3300u/6.3V	C2
1 2 WAY STRAIGHT PIN HEADER	W4
1 JUMPER LINK	
2 10 WAY PCB BOX MALE HEADER	J2
	J3
	J4
4 JUMPER LINK	
1 NEUTRIK JACK CONNECTOR	J5
1 JACK NUT	J5
1 4 POLE LATCHING / BLUE	SW4
1 4 POLE LATCHING / GREEN	SW2
1 4 POLE LATCHING / RED	SW1
1 4 POLE LATCHING / YELLOW	SW3
4 SWITCH CAPS	
1 5kC/2kC DUAL POTENTIOMETER	VR1
1 LD040 POT ADAPTER PCB	
1 6 WAY RIGHT ANGLE HEADER	A1

OMIT

FOR J4

Neutrik stackjack NRJ6HF

Neutrik NRJ-NUT-MS

FOR ML SWITCH / 8mm CLEAR

1 KNOB/RED LINE/CAP

2 M3x5mm HEX PILLAR 23mm

2 M3x5mm PAN POZI SHAKE PROOF FIX5
FIX6

1 BACKPLATE

3 M2 x 6mm PAN/POZI FIX1
FIX4
FIX7

BACKPLATE-TO-PCB FIXING

1 FACEPLATE

3 M3x5 SHAKE PROOF

FACEPLATE TO BACKPLATE FIXING

2 UNC 4-40

MODULE TO RACK FIXING

1 LHS SCREENPLATE

4 M3 x 6mm PAN/POZI FIX2
FIX3
FIX8
FIX9

LHS SCREEN PLATE FIXING

LED METER BOARD

1 LD037 PCB

5 1N4148 CR1
1N4148 CR2
1N4148 CR3
1N4148 CR5
1N4148 CR4

1 2N3906 Q1

1 BZX85C 12V/1.3W CR6

1 10u/50V 10% C9

4 47u/25V C6
47u/25V C8
47u/25V C10
47u/25V C11

1 10n (OMIT) C7

4 100n/50V C1

100n/50V	C2
100n/50V	C3
100n/50V	C4
1 1u/63V	C5
2 FIXING_SCREW_M3POSI	FIX1
FIXING_SCREW_M3POSI	FIX2
5 LED2MM_GREEN	CR10
LED2MM_GREEN	CR11
LED2MM_GREEN	CR12
LED2MM_GREEN	CR13
LED2MM_GREEN	CR14
1 LED2MM_RED	CR7
2 LED2MM_YELLOW	CR8
LED2MM_YELLOW	CR9
1 TL072CN	U1
2 LM339N	U2
LM339N	U3
2 5.6R	R1
5.6R	R20
1 2k	R15
1 5.6Meg	R4
1 6.8k	R25
1 2.4k	R6
1 20R	R19
1 16R	R18
1 20R	R9
1 31.6R	R8
2 47R	R3
48.7R	R17
1 68k	R12
5 10k	R10
10k	R11
68k	R21
68k	R22
68k	R23
1 78.7R	R16
1 100k	R14
1 100R	R26
1 120k	R13
1 127R	R7

DO NOT FIT SOCKET
DO NOT FIT SOCKET
DO NOT FIT SOCKET

1 160R	R2
1 330R	R27
1 910R	R5
1 OMIT	R24

5 TEST POINT	TP1
	TP2
	TP5
	TP3
	TP4

DC_IN
+18dBu
SP
0dBu
12V

1 10 WAY PCB TRANSITION HEADER	J1
1 10 WAY CABLE SOCKET	
1 10 WAY RIBBON CABLE	

2 M3x5mm PAN POZI SCREW

METER PCB FIXING