



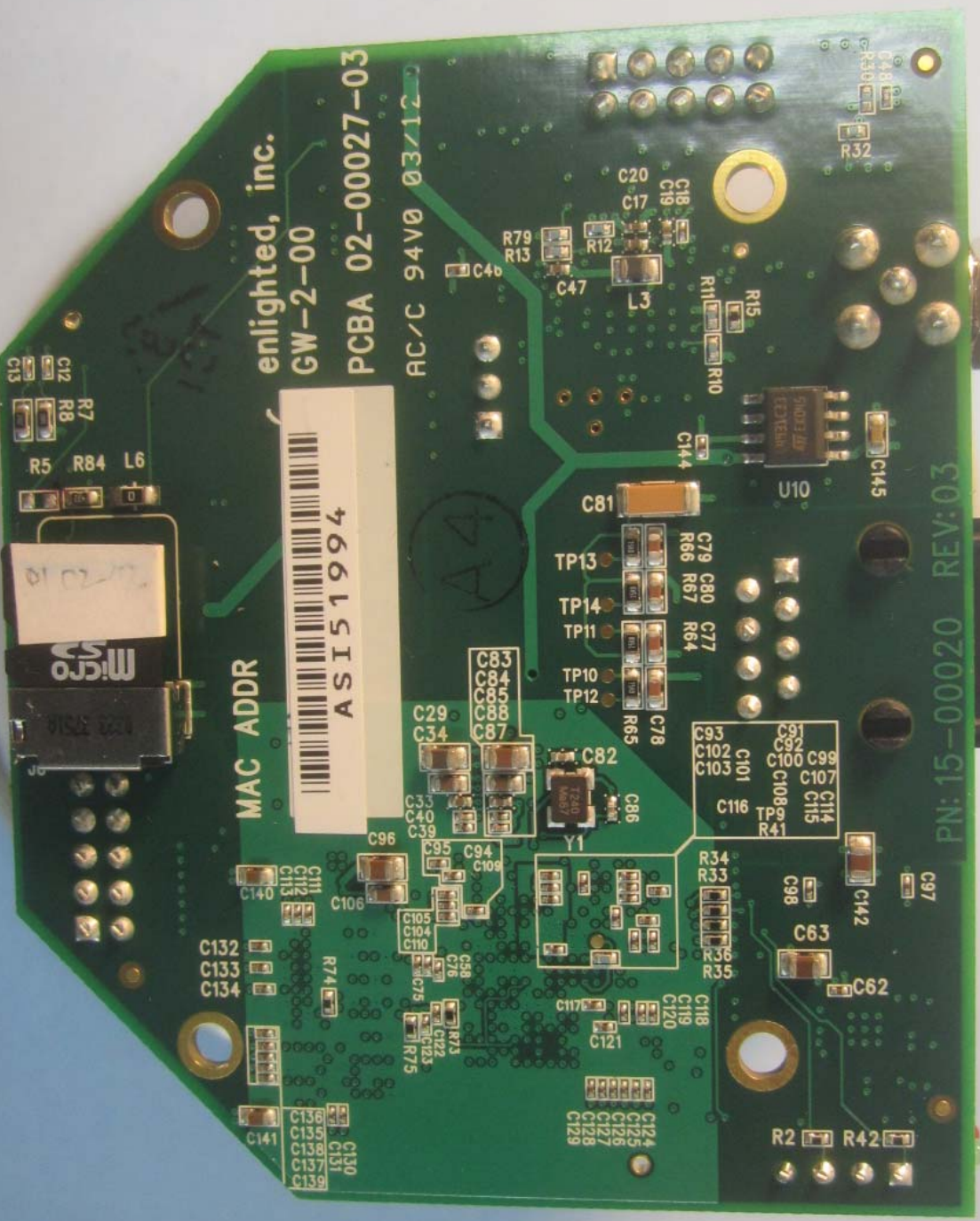
enlighted, inc.
GW-2-00
PCBA 02-00027-03
AC/C 94V0 03/12

MAC ADDR



ASI51994

PN: 15-00020 REV:03



AS I 51994

MAC ADDR



C12
C13
R7
R8
R5
R84
L6



C132
C133
C134

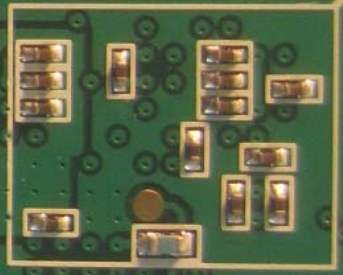
C111
C112
C113
C140

R74

C136
C135
C138
C137
C139
C130
C131

C29
C34
C33
C40
C39
C96
C95
C94
C109
C105
C104
C110
C83
C84
C85
C88
C87

C76
C58
C75
C122
C123
R73
R75



C117
C121
C119
C120
C124
C125
C126
C127
C128

C81
TP13
TP14
TP11
TP10
TP12
R65
C78

C82
T240
Ma67
C86
Y1

enlighted, inc.

GW-2-00

PCBA 02-00027-03

AC/C 94V0 03/12

MAC ADDR



ASI51994



R5 R84 L6

R7 R8 C12 C13

C83
C84
C85
C88
C87

C29
C40
C39

C81
C79 C80 C77
R66 R67 R64
TP13
TP14
TP11
TP10
TP12
R65 C78
C82
C86

R79
R13

C47
L3

C20
C17
C18
C19

C144

C93
C102
C103



15-00020 REV:03

C48
R30

R32

C20

C17

C18
C19

R79
R13

R12

C47

L3

R11
R10

R15

U10
EE3TE6h7

C145

C144

C81

TP13

TP14

TP11

TP10

TP12

C79
R66

C80
R67

C77
R64

R65

C78

C93

C102

C103

C101

C91

C92

C100

C10

C99

C107

C83
C84
C85
C88
C87

C82

C89

PN: 15-00020 REV:03



U10

C145



C81



R66



R67



R64



R65

TP13

TP14

TP11

TP10

TP12

C83
C84
C85
C88
C87

C82



Y1

C86

C93
C102
C103
C101
C91
C92
C100
C108
C99
C107
C114
C115
TP9
R41

R34

R33

R36

R35

C98

C63



C142

C97

C62

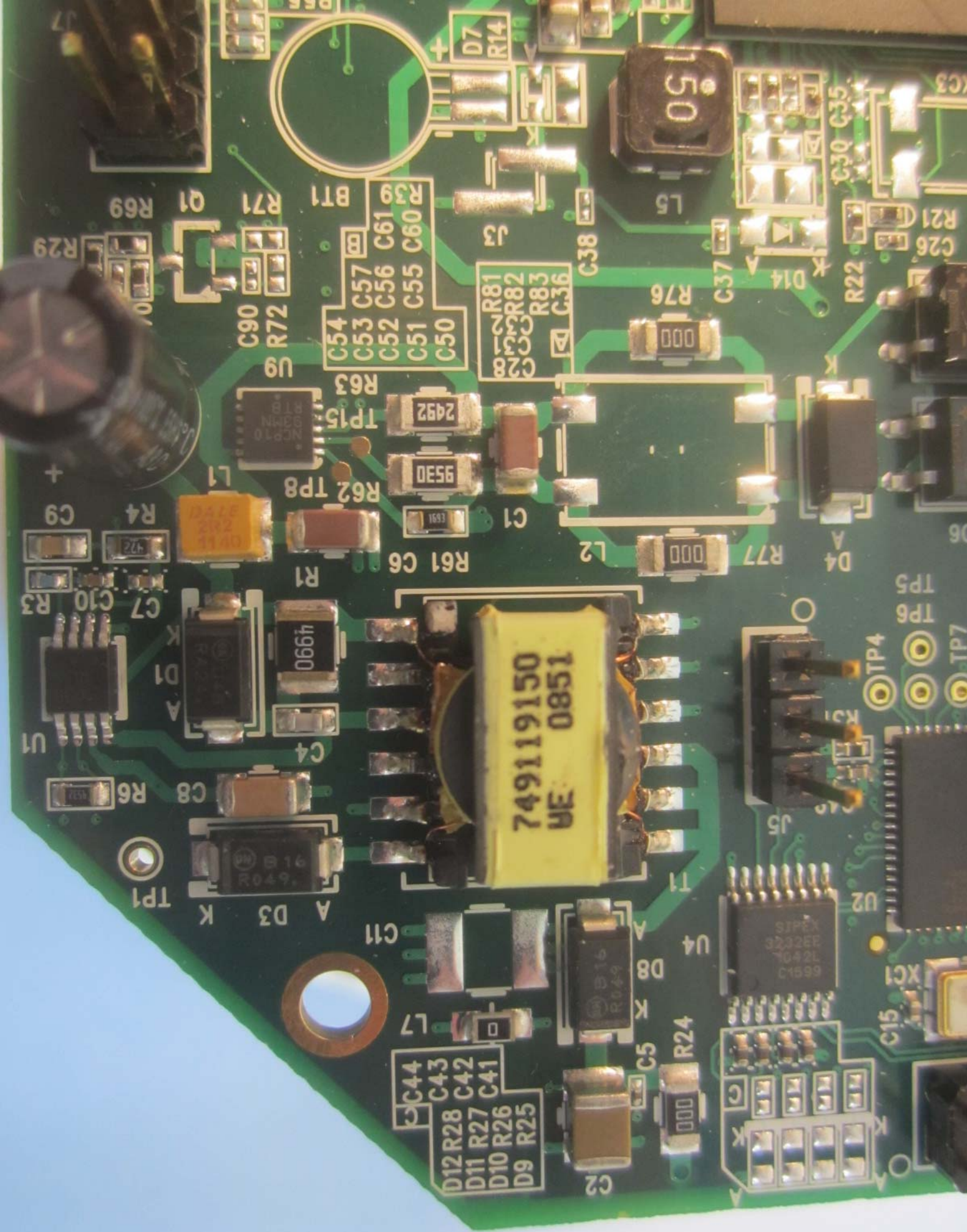
C117

C121

C124
C125
C126
C127
C128
C129

R2

R42



C44
C43
C42
C41
D12 R28
D11 R27
D10 R26
D9 R25

749119150
WE 0851

C54
C53
C52
C51
C50
R81
R82
R83
C36

C90
R72
R71

TP15
R63

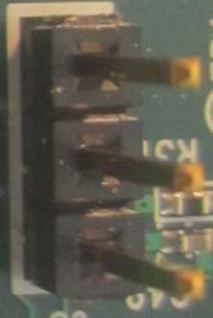
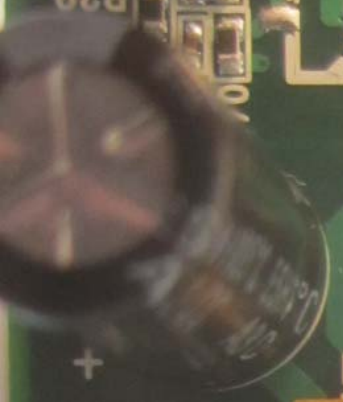
R62 TP8
R61 C6
C1

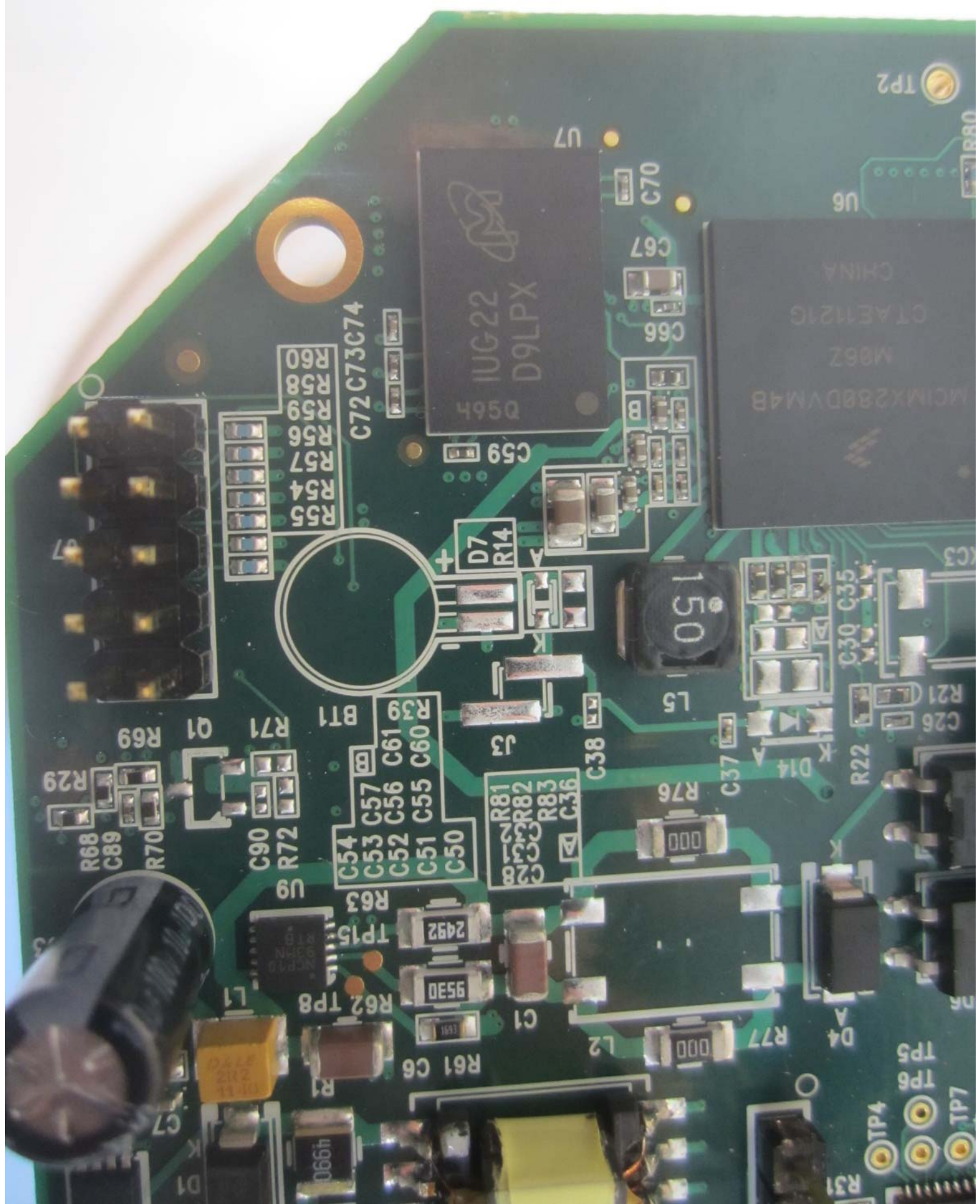
B16
R049
D3
K

STP EX
3232EE
104 2L
C1599
U2

R24
C5
D8
K

051





TP2

U6

U7

IUG22
D9LPX
D564

MCIMX280VM48
M86Z
01AE1121G
CHINA



C72 C73 C74

R55
R54
R57
R56
R59
R58
R60



D7

D7

C59

C70

C67

C66



B

B

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L5



C30 C35

C30 C35

C30 C35

C30 C35

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C30 C35

C30 C35

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MCIMX280VM4B
M06Z
CTAE1121G
CHINA

Pulse
H2019NL
1011-MT CHINA

U6

U8

TP2

D16

R80
R50
R46
R47
R43
R44
R40
R37
R38

C71
R52
R51
R53
C69

D15A
C65
C64

R17
R18
R19
R20

XC3
C30
C35

R21
C26
R22

D5
HD01
HD01

D4
D4
R77
R76
C37

TP4
TP5
TP6
TP7
C24

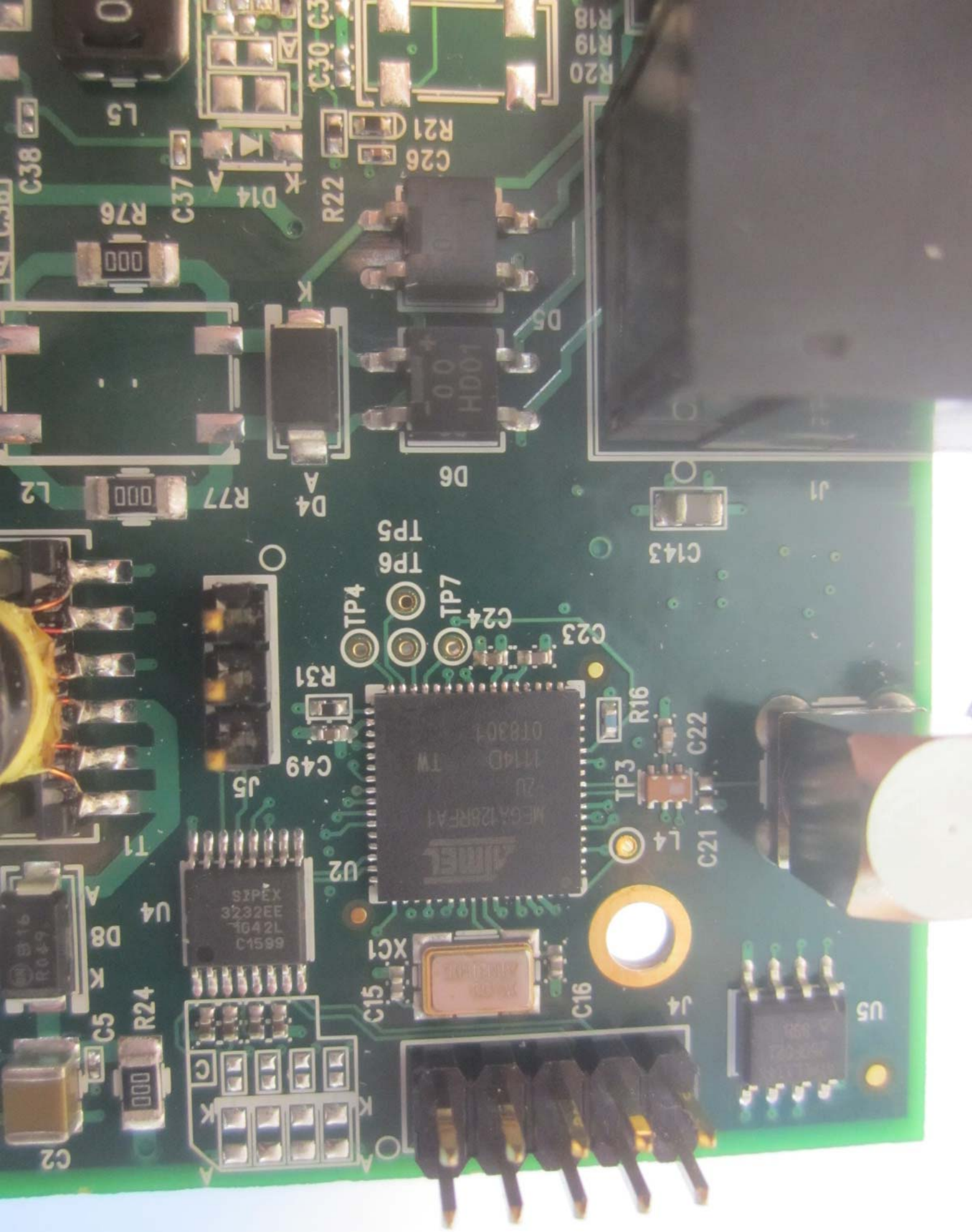
Q23

R22

R16

R31





MEGA128RFA1
1114D TW
018301

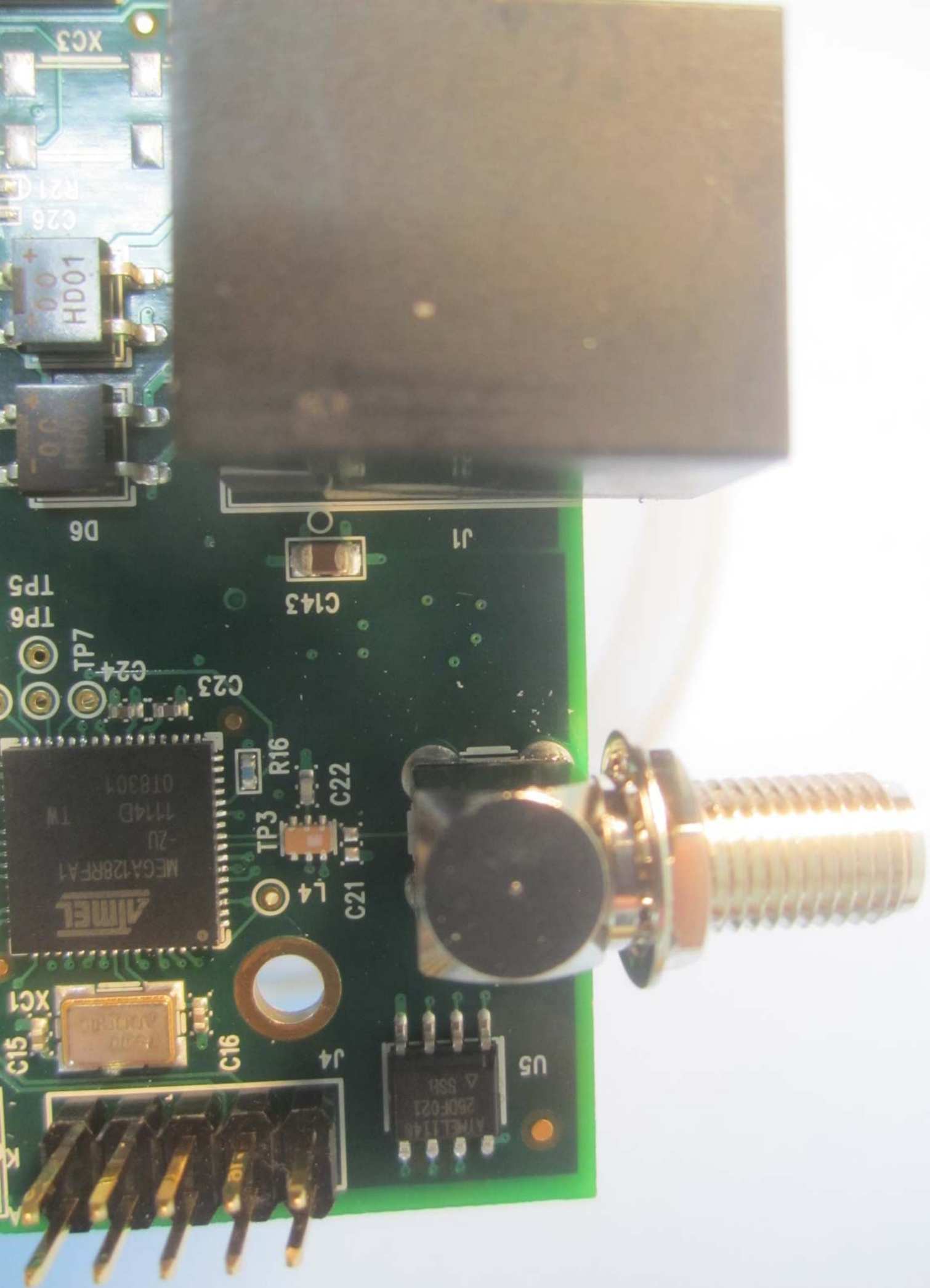
SIPEX
3232EE
1642L
C1599

3801

1000000000

1000
HD01

Component labels on the PCB include:
Resistors: R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R31, R38, R76, R77.
Capacitors: C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C33, C34, C35, C36, C37, C38.
Integrated Circuits: U1, U2, U3, U4, U5.
Connectors: J1, J2, J3, J4, J5.
Test Points: TP3, TP4, TP5, TP6, TP7.
Other: D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L17, L18, L19, L20, L21, L22, L23, L24, L25, L26, L27, L28, L29, L30, L31, L32, L33, L34, L35, L36, L37, L38, L39, L40, L41, L42, L43, L44, L45, L46, L47, L48, L49, L50, L51, L52, L53, L54, L55, L56, L57, L58, L59, L60, L61, L62, L63, L64, L65, L66, L67, L68, L69, L70, L71, L72, L73, L74, L75, L76, L77, L78, L79, L80, L81, L82, L83, L84, L85, L86, L87, L88, L89, L90, L91, L92, L93, L94, L95, L96, L97, L98, L99, L100.



ATMEGA128RFA1
114D TM
-2U
018301

ATME1146
250F-021
SSM

HD01
00+

000
000

D6

TP5

TP6

TP7

C24

C23

TP3

L4

C16

XC1

C15

J4

U5

C143

J1

R16

C22

C21

XC3

C26

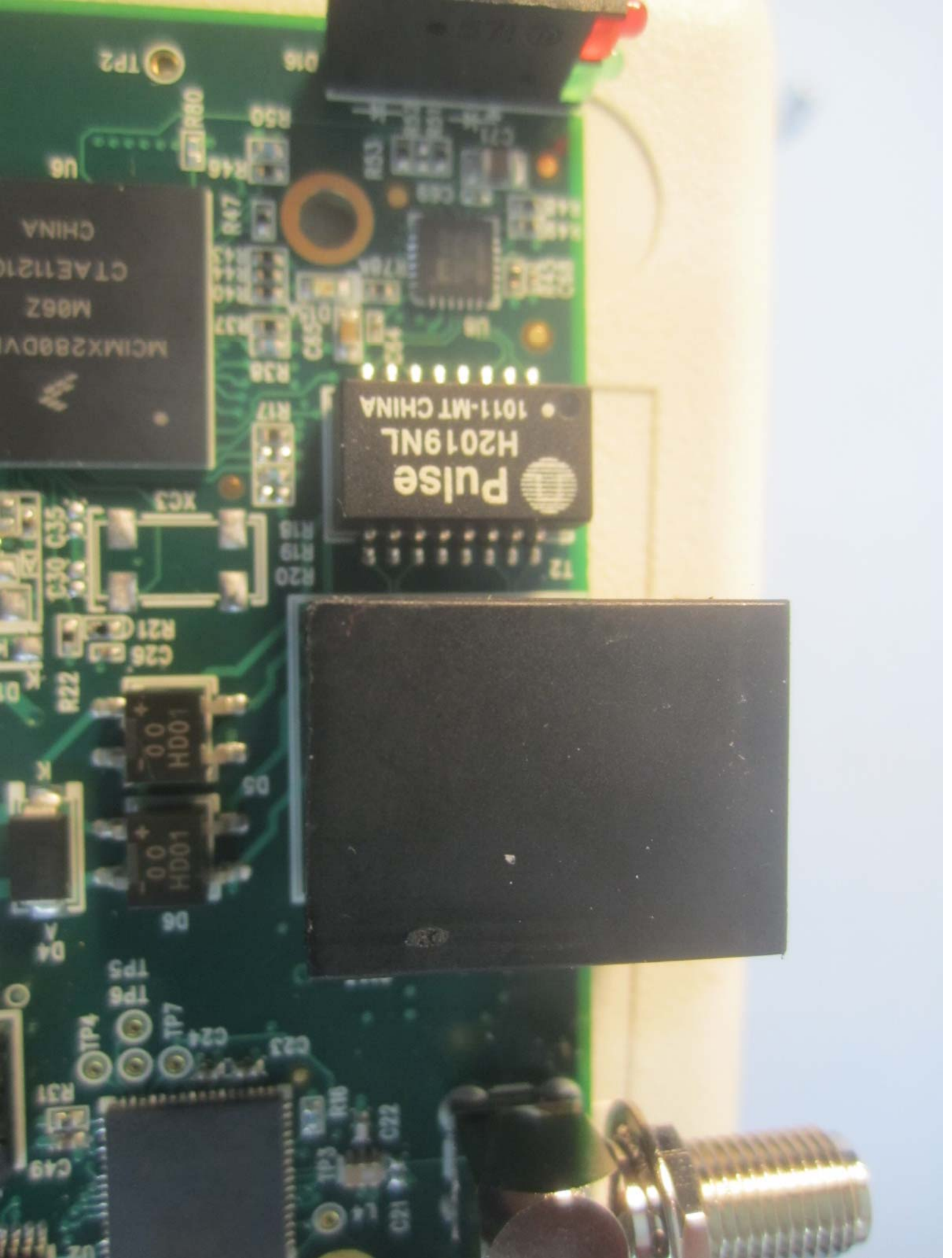
R21

MCIMX280DV
M06Z
CTAE1121
CHINA

Pulse
H2019NL
1011-MT CHINA

C30 C35
R21
R22
D5
D6
HD01
HD01

TP4
TP5
TP6
TP7
C23
C24
C22
C49
R31



IUG22
D9LPX
B56H

MCIMX280DV48
M06Z
CTAE1121G
CHINA

2019NL
1-MT CHINA

749119150
WE 0851

AMTEL
M06Z
CTAE1121G

