


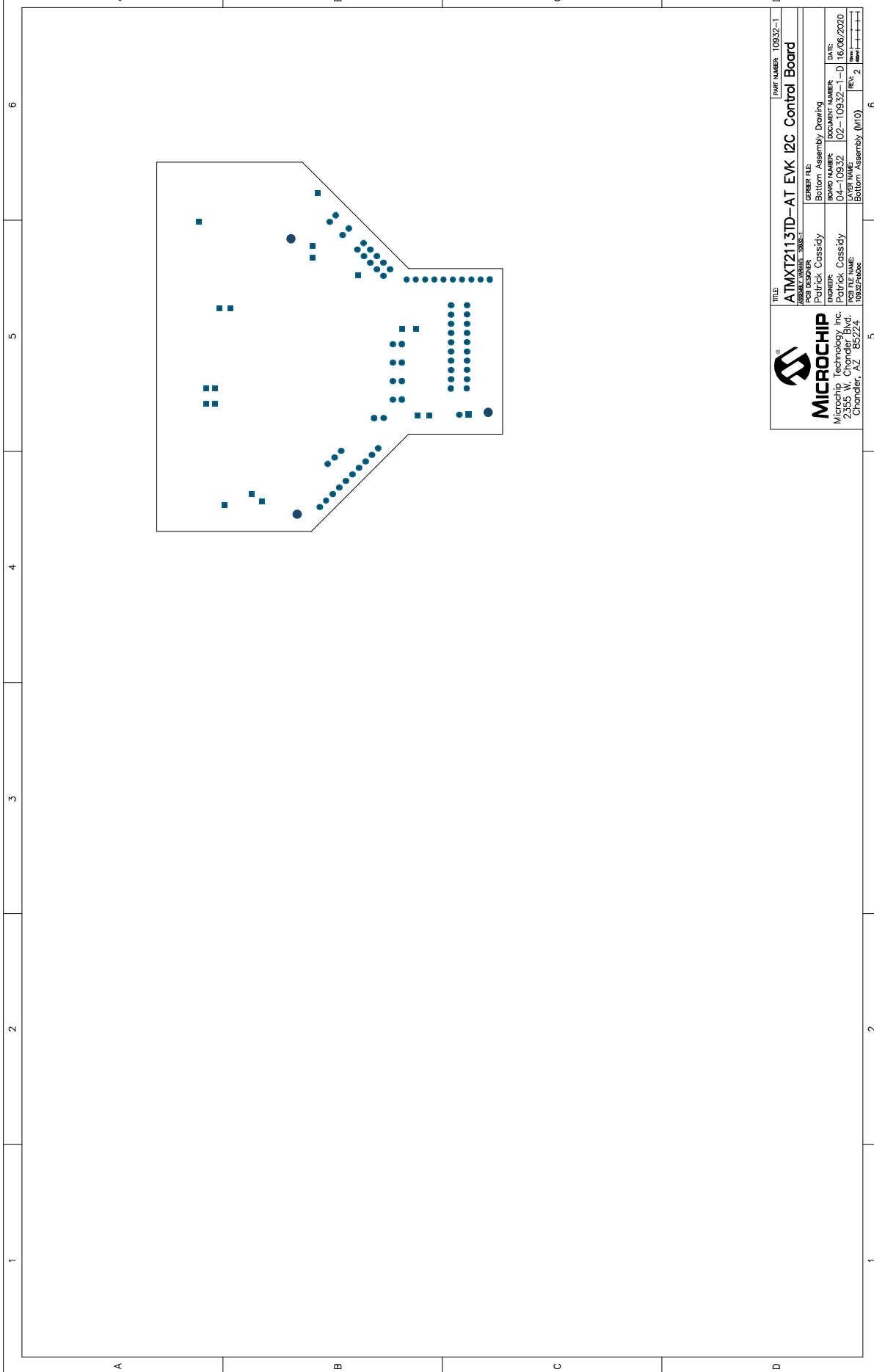
ASSEMBLY NOTES:

1. ALL COMPONENTS SHALL BE RoHS COMPLIANT.
2. ALL UNUSED THROUGH HOLE COMPONENT LOCATIONS SHALL BE FREE OF SOLDER.
3. ALL TEST POINT THROUGH HOLES (DENOTED TPxx) SHALL BE FREE OF SOLDER.
4. ALL COMPONENTS SHALL BE MOUNTED FLUSH TO THE BOARD, EXCEPT AS NOTED.
5. FINISHED BOARD SHALL BE FREE OF ALL RESIDUES.
6. ALL LEADS SHALL BE TRIMMED TO A MAXIMUM HEIGHT OF 2mm.
7. PLACE LABELS ON THE LOCATION INDICATED.

REV	ECD	Comments	Date
AD	N/A	First Issue	19th April 2017
1	N/A	TP21 added, RoHS, WEEE, CE Idents added.	6th June 2018
2	N/A	Number changed per Dev Tools ATM, USB circuitry removed, force circuitry removed, power test headers reworked to suit Keysight tester.	1st June 2020

		TITLE: ATMXT2113TD-AT EVK I2C Control Board	PART NUMBER: 10932-1
ASSEMBLY NAME: 10932-1		DESIGN FILE: Top Assembly Design	DATE: 16/06/2020
DESIGNER: Patrick Cassidy	PCB FILE NAME: 10932-1-1-1	PROJECT NUMBER: 04-10932	REV: 2
LABR NAME: Top Assembly (M1)	PCB FILE NAME: 10932-1-1-1	DATE: 16/06/2020	REV: 2

MICROCHIP
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 2355 W. Chandler Blvd.
 Chandler, AZ 85224



TITLE: ATMXT113TD-AT EVK I2C Control Board
ASSEMBLY DRAWING - (000001)
DESIGNER: Patrick Cassidy
DATE: 04-10-03
CHECKED: Patrick Cassidy
DATE: 02-10-03
DATE: 16/06/2020
DATE: 16/06/2020

SCRIPT FILE: Bottom Assembly Drawing
DESIGNER: Patrick Cassidy
DATE: 04-10-03
CHECKED: Patrick Cassidy
DATE: 02-10-03
DATE: 16/06/2020
DATE: 16/06/2020

PART NUMBER: 10932-1
REV: 2

TP17 DS0

mXT2113TDAT LQFP144
EVK Control Board
04-10932-R2

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TP14 TP12
Y63 Y62

TP1 GND

ADSEL
R11
ADSEL
R12
COMSEL
R13

TP2 RESET

TP5 X1
TP3 X0
TP10 Y1
TP4 Y0

TP11 X31
TP15 X32

C15
C44
C45

C45
C46
C10

C47



TP21 VREGBOOST
R8
C6
D1
Q1
L1
TP19 XVDD
TP20 XVDD_N
C49
R51
C50

J4
GND
FS1M0
SYNC
R10
XVDD
VDD
GPI06
GPI05
GPI04
GPI03
GPI02
GPI01
GPI00

J21 GND

J15 XVDD
R18
A_VDD
J10
VDD
J9
VDDIO
J14
R24

TP9 GND
TP8 AVDD
R28
R21
R20
R19
R18
R17
R16
R15
R14
R13
R12
R11
R10
R9
R8
R7
R6
R5
R4
R3
R2
R1

J3
J2
J1
DBG_CLK
DBG_DAT
VDD
GND
RESET HV EN 5V
R23 R22

J17 GND
ESD Ring

J13
R4
R3
R1
R29



J5

J11
GND
ADDSEL/
MISO
SDA/
MOSI
SCL/
SCK
GPI00/
SS
CHG
RESET
COMM
SEL
VDD_L
5V

04-10932-R2

