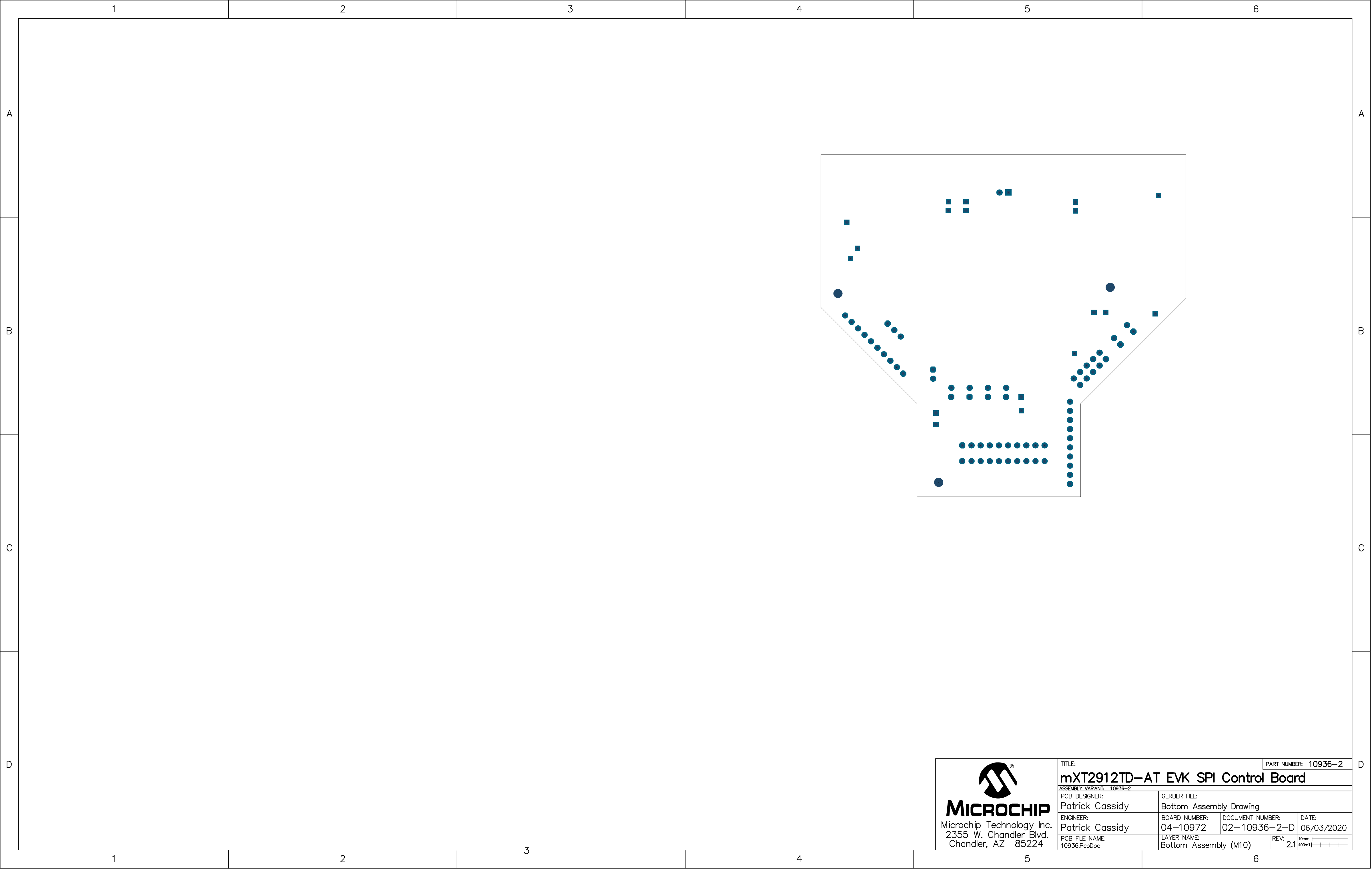






MICROCHIP
Microchip Technology Inc.
2355 W. Chandler Blvd.
Chandler, AZ 85224

TITLE:			PART NUMBER: 10936-2
mXT2912TD-AT EVK SPI Control Board			
ASSEMBLY VARIANT: 10936-2			
PCB DESIGNER: Patrick Cassidy		GERBER FILE: Bottom Assembly Drawing	
ENGINEER: Patrick Cassidy	BOARD NUMBER: 04-10972	DOCUMENT NUMBER: 02-10936-2-D	DATE: 06/03/2020
PCB FILE NAME: 10936.PcbDoc	LAYER NAME: Bottom Assembly (M10)	REV: 2.1	10mm 400mil

TP16
DS0

mXT2912TDAT TQFP176
EVK Control Board
04-10936-R2

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TP11
X39
TP15
X40

ESD
Ring
GND

TP5
X1
TP3
X0

TP10
Y1
TP4
Y0

C45
C46
C10

U1

C15
C44
C5
C11



TP21
VREGBOOST
C1
D1
Q1
TP19
XVDD
TP20
XVDD_N
C49
R51
C50

H1

TP1
GND

TP14
Y70
TP12
Y69

TP2
RESET

J22
XVDD
VDD
GPIO0
GPIO1
GPIO2
GPIO3
GPIO4
GPIO5
GPIO6
FSYNC
GND
J4

TP6
VDD
TP7
GND

GND
ADDSEL/
MISO
SDA/
MOSI
SCL/
SCK
GPIO0/
SS
CHG

DBG_CLK
DBG_DAT
GND
VDD
SCL
SDA
RESET
CHG
HV
EN
5V

RESEL
COMM
SEL
VDD_L
5V

J11

J12

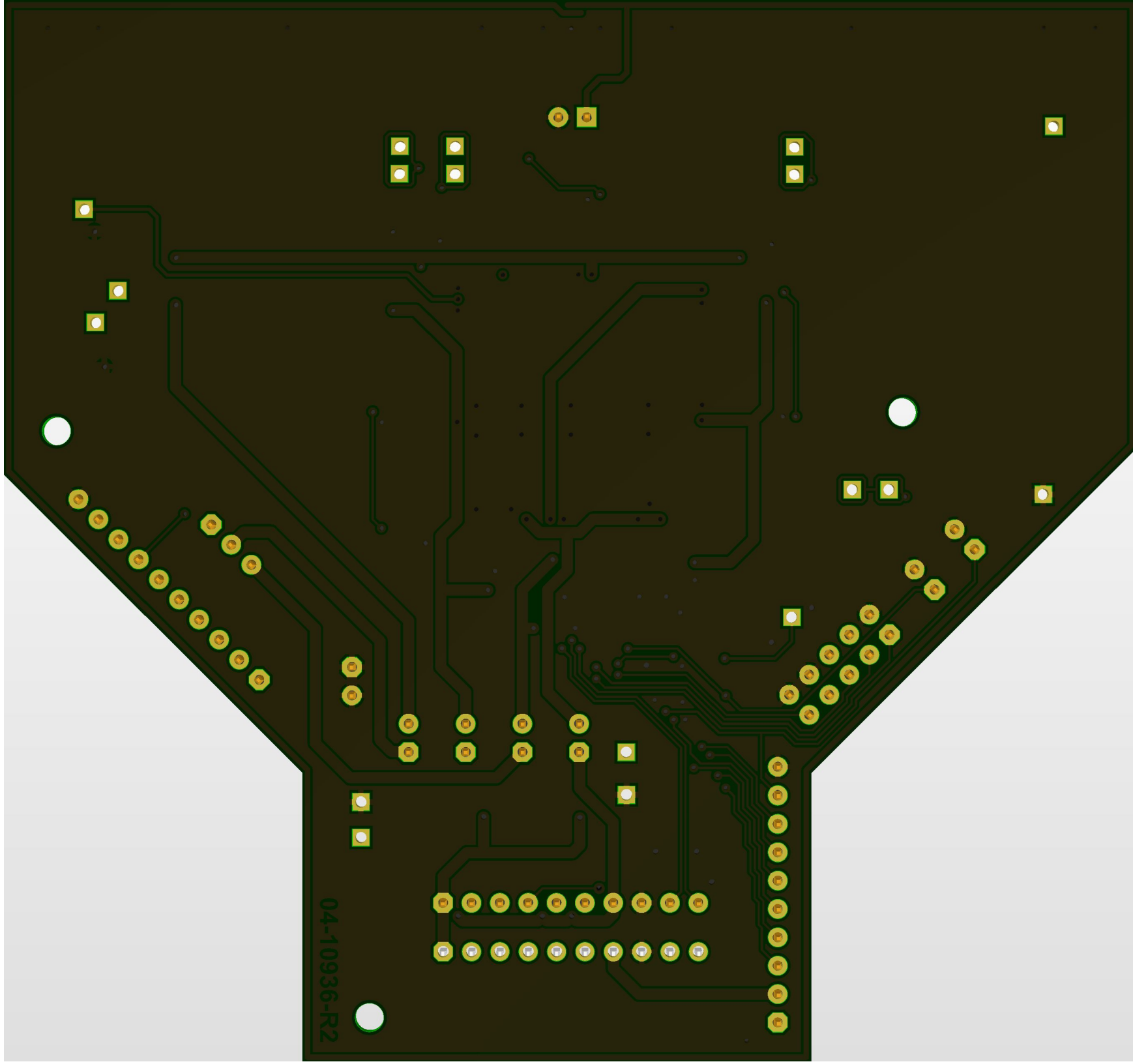
J13

J14
VDDIO
J9
VDD
J10
AVDD
J15
XVDD

TP9
GND
TP8
AVDD

J5
H2

04-10936-R2



04-10936-R2