DRV8701EVM A

TEXAS INSTRUMENTS

J3
C22 R17
R18
POT
R19
R25 R24

D3 D2
nFAULT
SNSOUT

GND
VM

GH2
GND VM
Q3
C5
R26

S1
RESET
PUSH
J2

R10 3.3V
R12 VREF
R14 nFAULT
R16 SNSOUT
R20 SO
R21 nSLEEP
R22 EN/IN2
R29 PH/IN1
GND
GND

HI2
DRV8701

R1
VM
C1
R3
GL2
Q1
OUT2
HI1
OUT2

C20 C21
STATUS
U3 R11 C19
R23
H9
F1 C18 U2

SN
SP
C13
C14 Q4

R9

C7

R4
GL1 C8 Q2

C3 C4

C2
VM
C6

P2.2 P2.0 P1.7 P1.6

J1

R13 R27 R28

GH1
GND TPI4

For evaluation only; not FCC approved for resale.

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Top Overlay			
PLOT NAME = Top Overlay	GENERATED : 2/10/2015 5:36:33 PM		TEXAS INSTRUMENTS
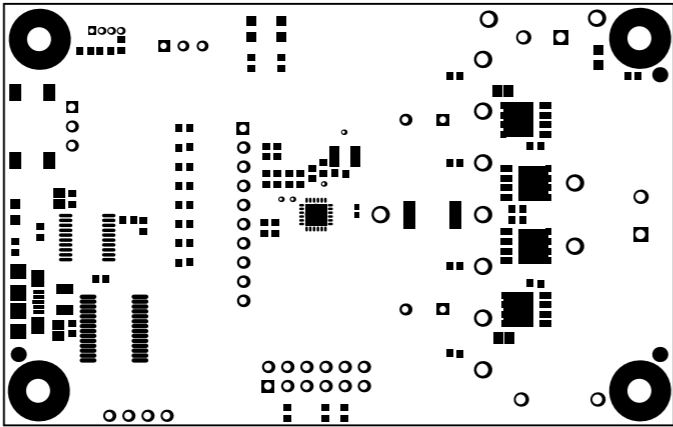
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Top Solder			
PLOT NAME = Top Solder Mask	GENERATED : 2/10/2015 5:36:34 PM		TEXAS INSTRUMENTS
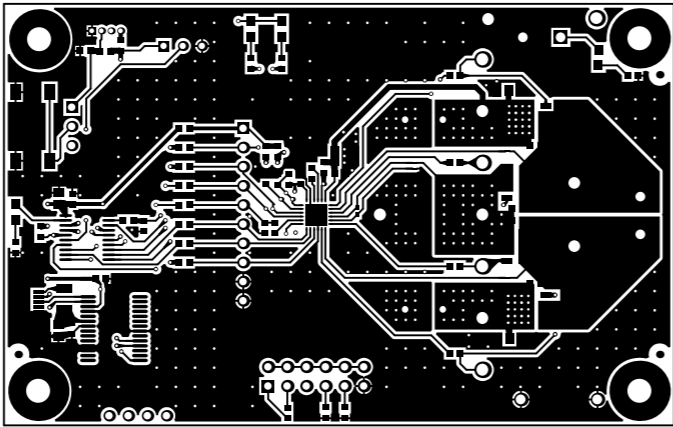
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Top Layer			
PLOT NAME = Top Layer	GENERATED : 2/10/2015 5:36:34 PM		TEXAS INSTRUMENTS
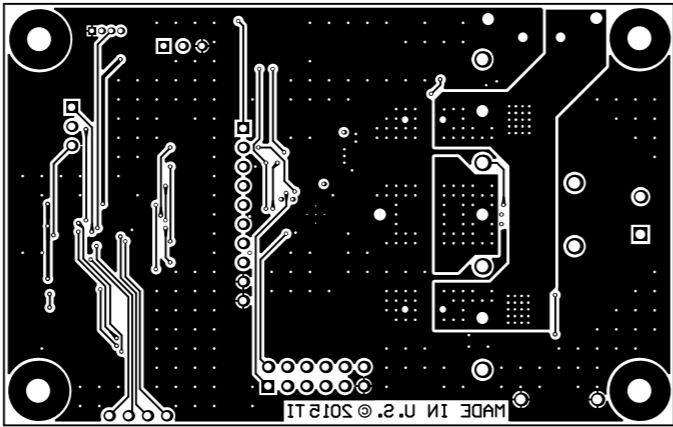
MADE IN U.S. © 2015 TI

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Bottom Layer			
PLOT NAME = Bottom Layer	GENERATED : 2/10/2015 5:36:35 PM		TEXAS INSTRUMENTS
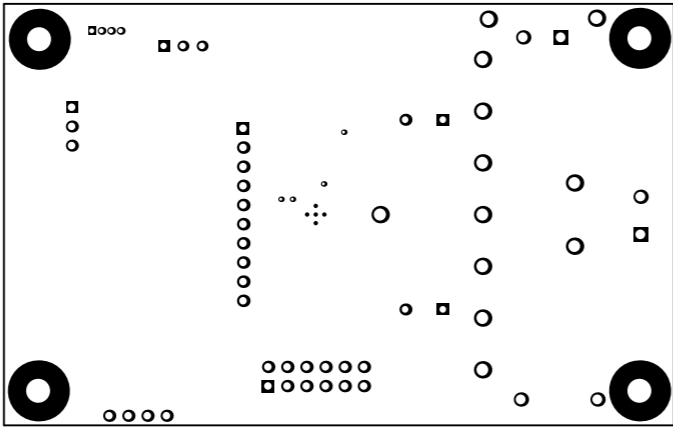
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Bottom Solder			
PLOT NAME = Bottom Solder Mask	GENERATED : 2/10/2015 5:36:36 PM		TEXAS INSTRUMENTS

H2

H6

H7

H8

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Bottom Overlay			
PLOT NAME = Bottom Overlay	GENERATED : 2/10/2015 5:36:36 PM		TEXAS INSTRUMENTS
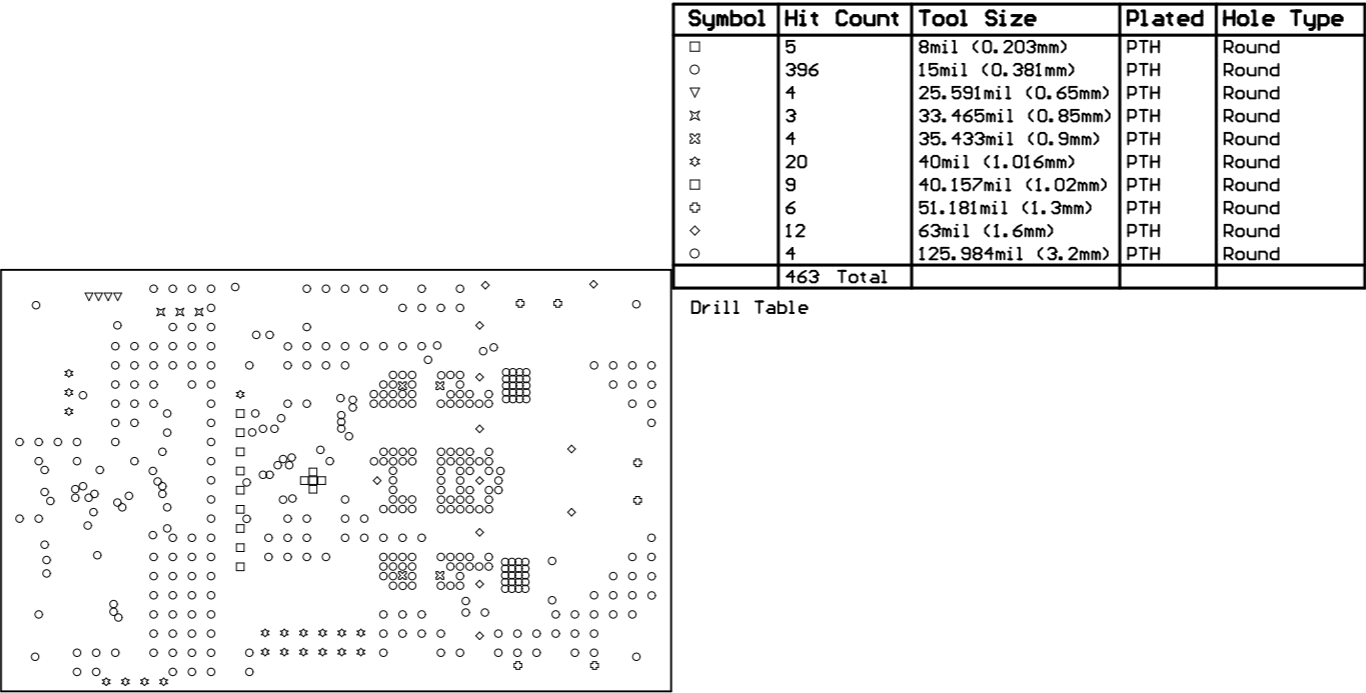
Symbol	Hit Count	Tool Size	Plated	Hole Type
□	5	8mil (0.203mm)	PTH	Round
○	396	15mil (0.381mm)	PTH	Round
▽	4	25.591mil (0.65mm)	PTH	Round
⋈	3	33.465mil (0.85mm)	PTH	Round
⊠	4	35.433mil (0.9mm)	PTH	Round
✿	20	40mil (1.016mm)	PTH	Round
□	9	40.157mil (1.02mm)	PTH	Round
✧	6	51.181mil (1.3mm)	PTH	Round
◇	12	63mil (1.6mm)	PTH	Round
○	4	125.984mil (3.2mm)	PTH	Round
	463 Total			

Drill Table

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = Drill Drawing			
PLOT NAME = Drill Drawing	GENERATED : 2/10/2015 5:36:37 PM		TEXAS INSTRUMENTS
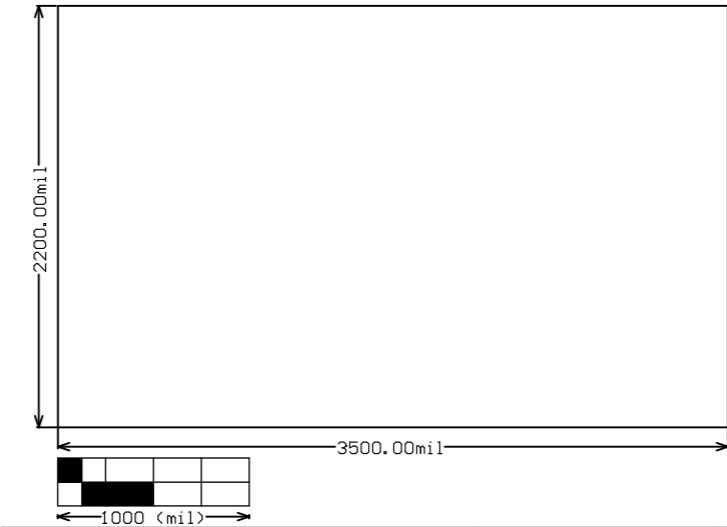
2200.00mil

3500.00mil

1000 (mil)

ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: DRV8701EVM	REV: A	SVN REV: Not In VersionControl
LAYER NAME = M2 Board Dimensions			
PLOT NAME = Board Dimensions	GENERATED : 2/10/2015 5:36:37 PM		TEXAS INSTRUMENTS