

**Component Definition for: "LTC4013EUFD#PBF"**

Number of Pins: 29

Number of Gates: 1

Name of Pattern: QFN28\_UFD\_RevB

Number of pattern Pins: 29

**Symbol gating Information:**

Symbol name for gate 1 is LTC4013xUFD

**Pin Data:**

Pin Number	Pin Name	Gate Number	Symbol Pin	Gate Equiv.	Pin Equiv.	Pin Type
1	INFET	1	2	0	0	11
2	DCIN	1	1	0	0	11
3	MPPT	1	24	0	0	11
4	FBOC	1	23	0	0	11
5	ENAB	1	7	0	0	11
6	ISMON	1	27	0	0	11
7	STAT0	1	15	0	0	11
8	STAT1	1	14	0	0	11
9	LB	1	16	0	0	11
10	TMR	1	13	0	0	11
11	MODE1	1	12	0	0	11
12	MODE2	1	11	0	0	11
13	CLKOUT	1	10	0	0	11
14	SYNC	1	8	0	0	11
15	RT	1	9	0	0	11
16	ITH	1	25	0	0	11
17	NTC	1	4	0	0	11
18	FB	1	26	0	0	11
19	BAT	1	28	0	0	11
20	SENSE	1	29	0	0	11
21	BST	1	22	0	0	11
22	TG	1	21	0	0	11

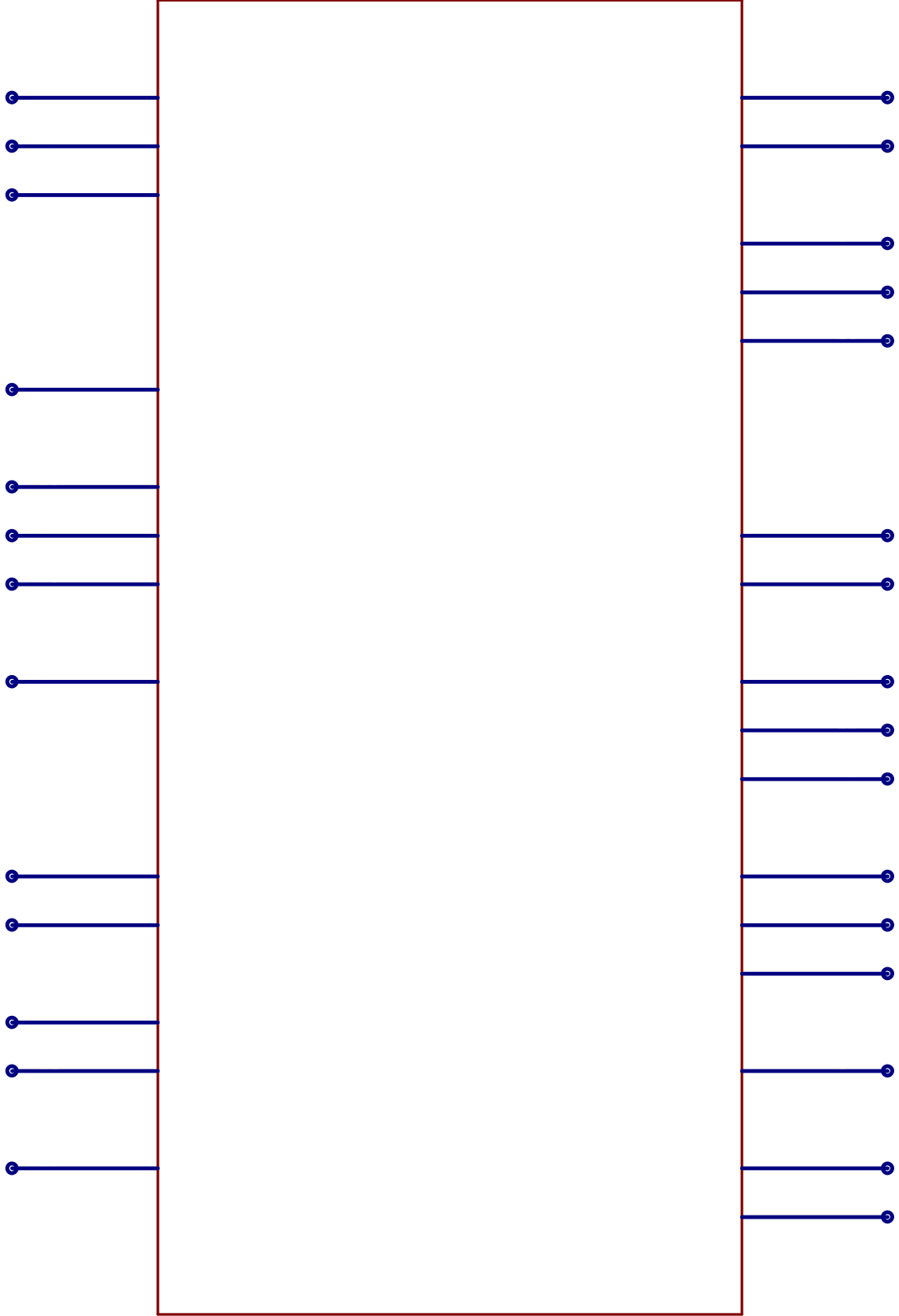
Component Definition for: "LTC4013EUFD#PBF"						
Pin Data:						
Pin Number	Pin Name	Gate Number	Symbol Pin	Gate Equiv.	Pin Equiv.	Pin Type
23	SW	1	20	0	0	11
24	BG	1	19	0	0	11
25	INTVCC	1	5	0	0	11
26	PGND	1	18	0	0	11
27	VIN	1	6	0	0	11
28	VIN_S	1	3	0	0	11
29	SGND	1	17	0	0	11

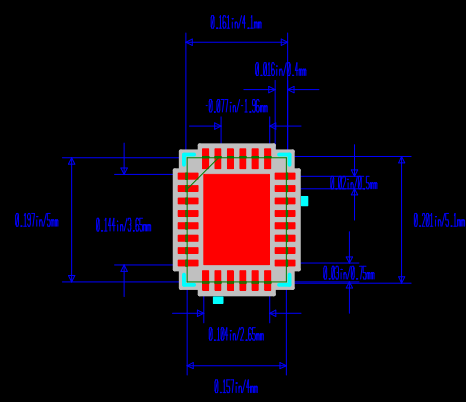
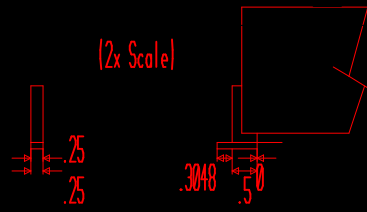
Pin Mapping:	
Pad Number	Component Pin Reference
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23

Component Definition for: "LTC4013EUFD#PBF"	
Pin Mapping:	
Pad Number	Component Pin Reference
24	24
25	25
26	26
27	27
28	28
29	29

Symbol Name: LTC4013xUFD

RefDes  
Type





Default Padstyle: r25\_80  
Heat Tab 1 Padstyle: r265\_365

Alt 1 Padstyle: b152\_229h76  
Alt 2 Padstyle: b229\_152h76

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Height = 31.49606
MINHEIGHT = 1.968504
RefDes = RefDes
Type = DEV
PN = PN
DEV = DEV
VAL = VAL
TOL = TOL
RefDes2 = RefDes2
TEMPLATE = ADI_QFN_C_M.adt
NAME = QFN28_UFD_RevB
P1 = Left Top
P1D = 1
RP = 19.68504
FOOT_L = 15.74803
N = 6
LY = 200.7874
LMY = 192.9134
NC = 8
LX = 161.4173
LMX = 153.5433
FOOT_W = 9.84252
BODY_W = 157.4803
BODY_H = 196.8504
OUT_CORNER_CHAMFER = 0
SPO = 0
TT = Normal Material

UTOE = 0

**UHEEL = 0**



**USIDE = 0**

UCE = 0

**PSH = Rectangle**

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KO = 0
KOW = 160
KOH = 210
HTT1 = 1
HTW1 = 104.3307
HTH1 = 143.7008
HTX1 = 0
HTY1 = 0
HTP1 = 1
HTT2 = 0
HTW2 = 50
HTH2 = 100
HTX2 = 0
HTY2 = -150
HTP2 = 0
HTT3 = 0
HTW3 = 50
HTH3 = 100
HTX3 = -150
HTY3 = 0
HTP3 = 0
HTT4 = 0
HTW4 = 100
HTH4 = 50
HTX4 = 150
HTY4 = 0
HTP4 = 0

HTT5 = 0

HTW5 = 100

HTH5 = 50

HTX5 = 150



HTY5 = 0

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<b>HTP5 = 0</b>
<b>HTT6 = 0</b>
<b>HTW6 = 100</b>
<b>HTH6 = 50</b>
<b>HTX6 = 150</b>
<b>HTY6 = 0</b>
<b>HTP6 = 0</b>
<b>A1_PSH = Oblong</b>
<b>A1_PADW = 60</b>
<b>A1_PADH = 90</b>
<b>A1_DRL = 30</b>
<b>A2_PSH = Oblong</b>
<b>A2_PADW = 90</b>
<b>A2_PADH = 60</b>
<b>A2_DRL = 30</b>
<b>MWA = 4</b>
<b>RSMB = 2</b>
<b>ISML = 0</b>
<b>FID = 0</b>
<b>CHGT = 31.49606</b>
<b>CMHGT = 1.968504</b>
<b>PROT = 0</b>
<b>REVLEVEL = A0</b>
<b>3D = 1</b>
<b>LEAD_H = 7.874016</b>
<b>MATP = Aluminum</b>
<b>MATB = Black</b>

**OX2 = 0**

$$OY = 0$$

**OZ = 0**

**OriginalPinCount = 29**

