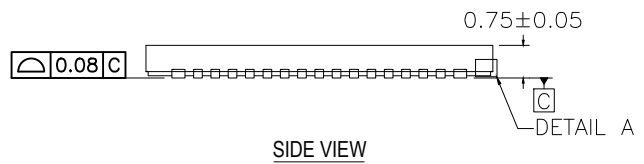
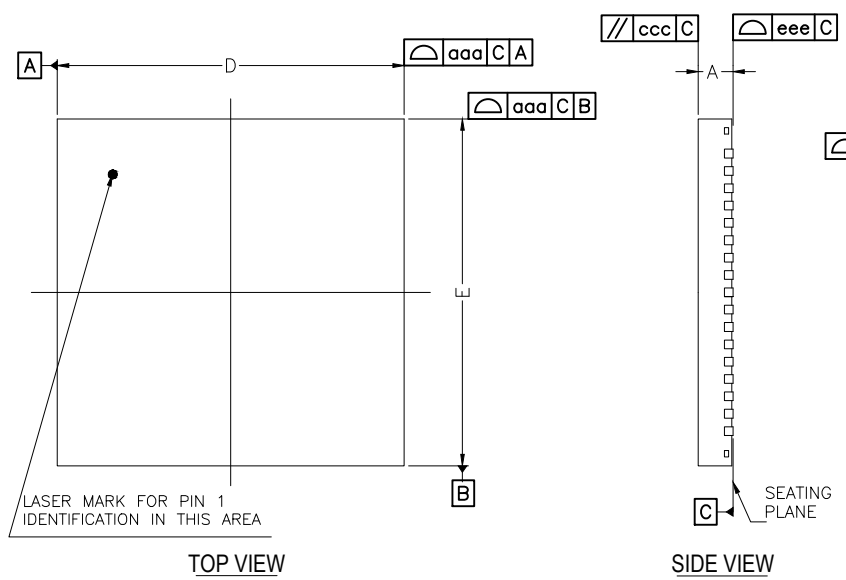


DATE CREATED	REVISIONS		AUTHOR
	REV	DESCRIPTION	
02/25/13	00	INITIAL RELEASE	J HUA
01/31/14	01	COMBINE POD & LAND PATTERN	J HUA
09/30/14	02	ADDED OPTION2	J HUA
6/17/16	03	ADDED EPAD & FUSED PIN LAND PATTERN	J HUA
9/12/18	04	INTERCHANGE F1 AND F2 OPTIONS	J HUA
10/4/18	05	CORRECT EXPLODED FUSED LEAD DIMENSION F1	J HUA


REFER TO DCP FOR OFFICIAL RELEASED DATE

COMMON DIMENSIONS

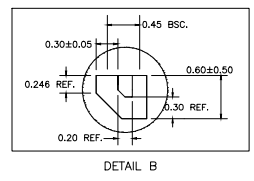
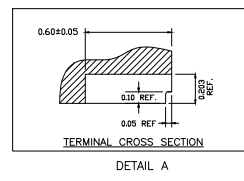
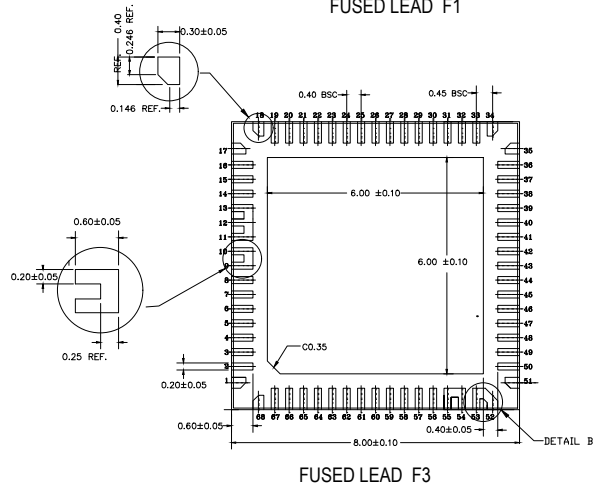
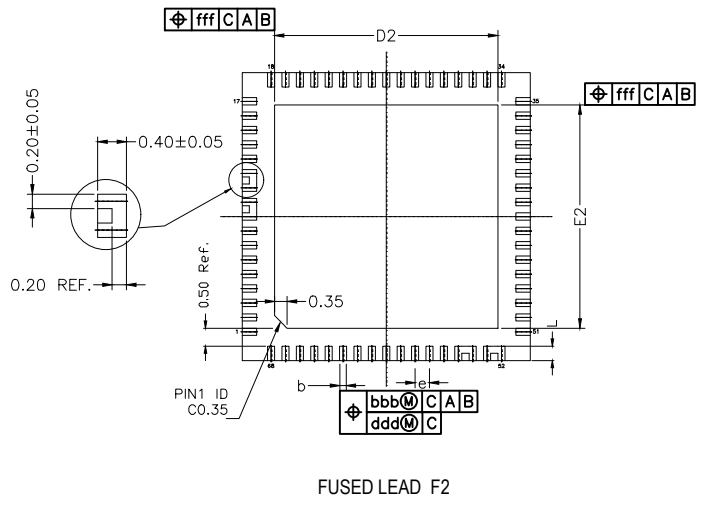
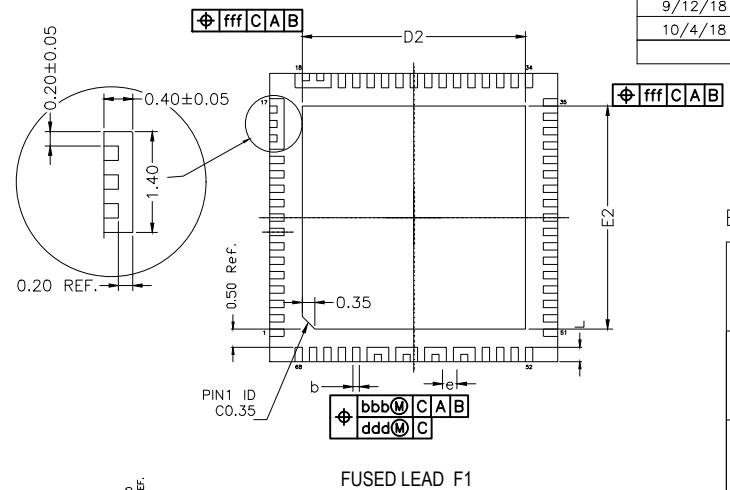
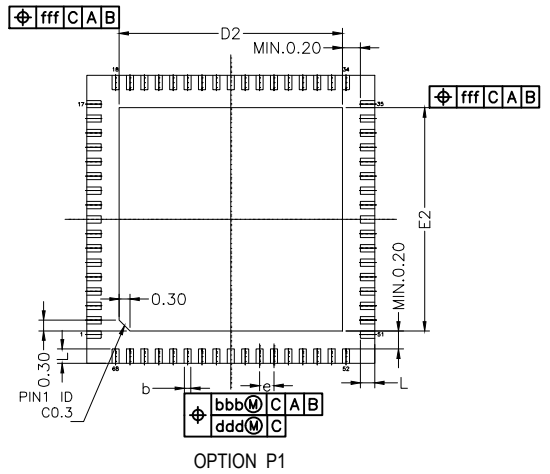
SYMBOL	MILLIMETER		
	MIN.	NOM.	MAX.
A	0.70	0.75	0.80
b	0.15	0.20	0.25
D	8.00 BSC		
D2	6.10	6.20	6.30
E	8.00 BSC		
E2	6.10	6.20	6.30
L	0.30	0.40	0.50
e	0.40 bsc		
aaa	0.10		
bbb	0.07		
ccc	0.10		
ddd	0.05		
eee	0.08		
fff	0.10		



- NOTES :
- 1.ALL DIMENSIONS ARE IN MILLIMETERS.
 - 2.DIMENSIONING & TOLERANCES CONFORM TO ASME Y14.5M. -1994.
 - 3.THE PIN #1 IDENTIFIER MUST BE PLACED ON THE TOP SURFACE OF THE
 - 4.PACKAGE WARPAGE MAX 0.08 mm.

TOLERANCES UNLESS SPECIFIED		 www.IDT.com	6024 Silver Creek Valley Road	
DECIMAL	ANGULAR		San Jose CA 95138	
X±	±1°	PHONE: (408) 284-8200		
XX±		FAX: (408) 284-8591		
XXX±				
APPROVALS	DATE	TITLE NTG68 Package Outline Drawing 8.0 x 8.0 x 0.75 mm Body 0.40mm Pitch VFQFPN		
		SIZE C	DRAWING No. PSC-4456	REV 05
DO NOT SCALE DRAWING			SHEET 1 OF 4	

DATE CREATED	REVISIONS			AUTHOR
	REV	DESCRIPTION		
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EPAD OPTION

SYMBOL		MILLIMETER		
		MIN.	NOM.	MAX.
P1	E2	6.10	6.20	6.30
	D2	6.10	6.20	6.30
F1	E2	6.05	6.20	6.35
	D2	6.05	6.20	6.35
F2	E2	6.05	6.20	6.35
	D2	6.05	6.20	6.35
F3	E2	5.85	6.00	6.15
	D2	5.85	6.00	6.15

TOLERANCES UNLESS SPECIFIED
DECIMAL ANGULAR
X± ±1°
XX±
XXX±

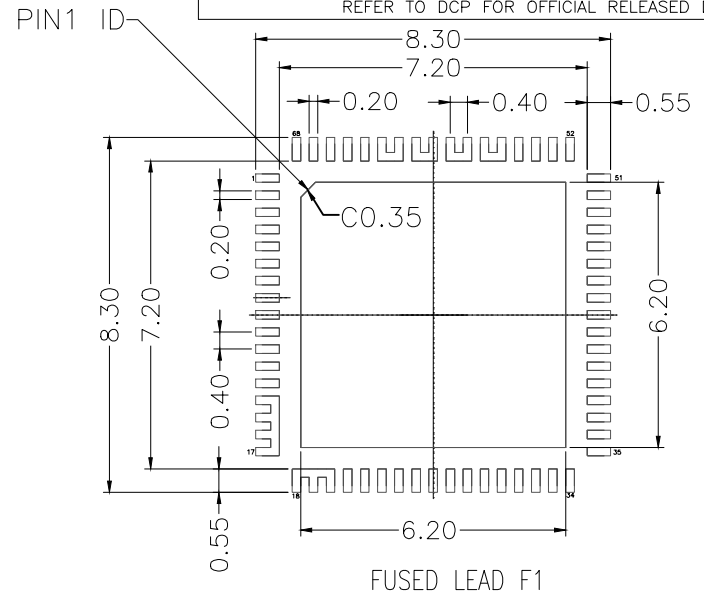
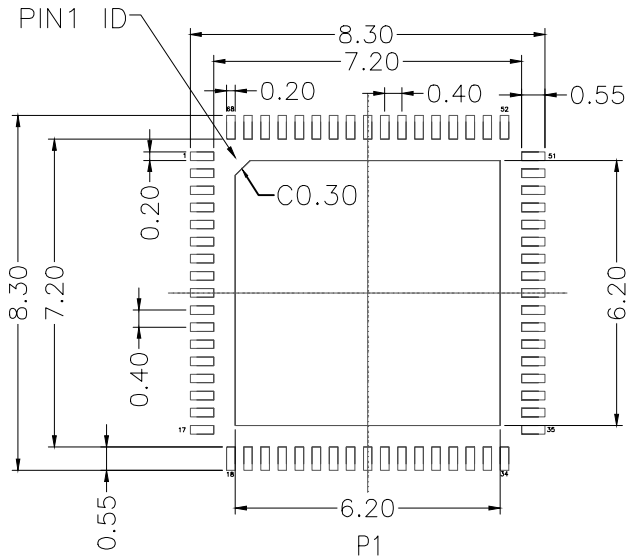
IDT™ 6024 Silver Creek Valley Road
San Jose CA 95138
PHONE: (408) 284-8200
www.IDT.com FAX: (408) 284-8591

TITLE NTG68 Package Outline Drawing
8.0 x 8.0 x 0.75 mm Body
0.40mm Pitch VQFPN

SIZE C	DRAWING No. PSC-4456	REV 05
DO NOT SCALE DRAWING		SHEET 2 OF 4

DATE CREATED	REVISIONS		AUTHOR
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REFER TO DCP FOR OFFICIAL RELEASED DATE



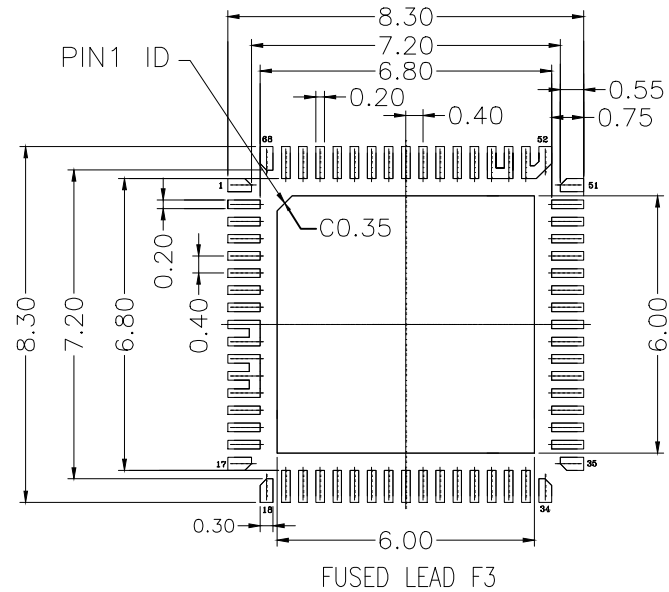
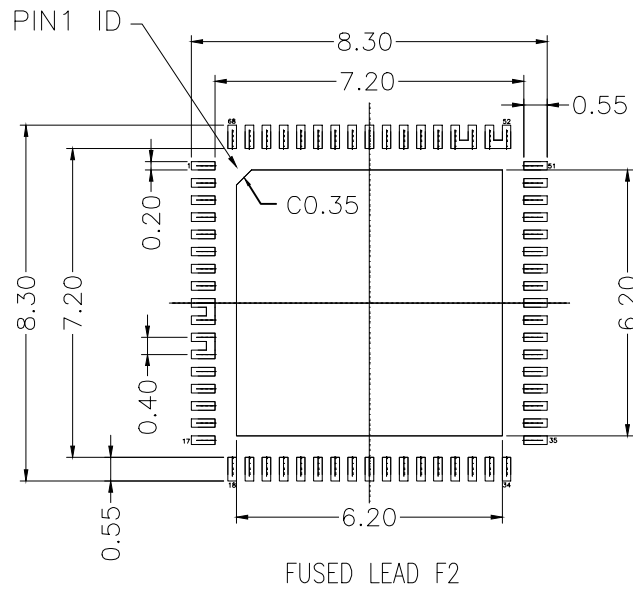
RECOMMEND LAND PATTERN

NOTES:

1. ALL DIMENSIONS ARE IN MM. ANGLES IN DEGREES.
2. TOP DOWN VIEW. AS VIEWED ON PCB.
3. LAND PATTERN RECOMMENDATION PER IPC-7351B GENERIC REQUIREMENT FOR SURFACE MOUNT DESIGN AND LAND PATTERN.

TOLERANCES UNLESS SPECIFIED		 www.IDT.com	6024 Silver Creek Valley Road
DECIMAL	ANGULAR		San Jose CA 95138
X±	±1°		PHONE: (408) 284-8200
XX±			FAX: (408) 284-8591
XXX±			
TITLE		NTG68 Package Outline Drawing	
		8.0 x 8.0 x 0.75 mm Body	
		0.40mm Pitch VFQFPN	
SIZE	DRAWING No.	REV	
C	PSC-4456	05	
DO NOT SCALE DRAWING			SHEET 3 OF 4


DATE CREATED	REVISIONS		
	REV	DESCRIPTION	AUTHOR
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DECIMAL	ANGULAR		
X±	±1°	TITLE NTG68 Package Outline Drawing	
XX±		8.0 x 8.0 x 0.75 mm Body	
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SIZE	DRAWING No.	REV	
C	PSC-4456	05	
DO NOT SCALE DRAWING			SHEET 4 OF 4