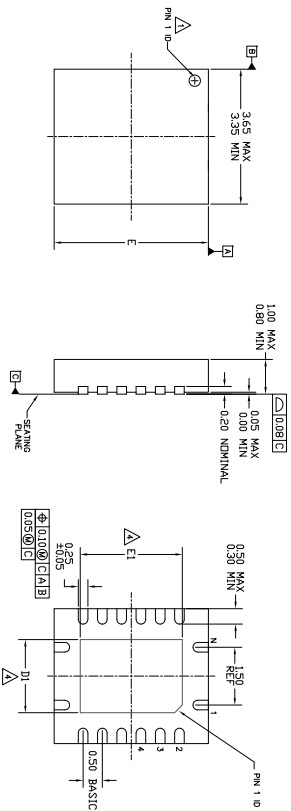
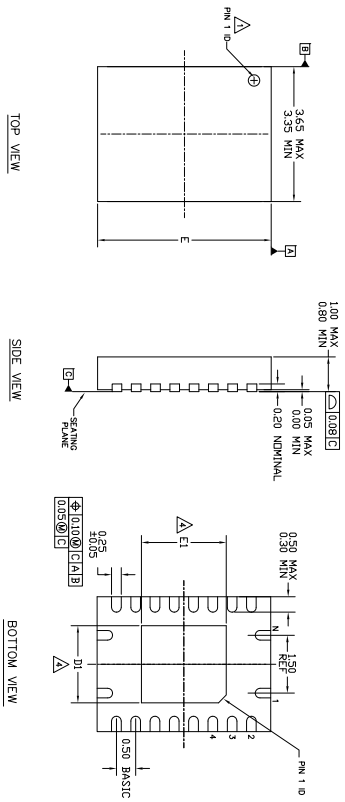


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/28/03	PKP
01	ADDED 24 LEAD	3/19/03	PKP
02	COMBINE POD & LAND PATTERN	2/11/14	JH
03	ADD DIMENSION NRG 16 EPAD	9/29/14	JH

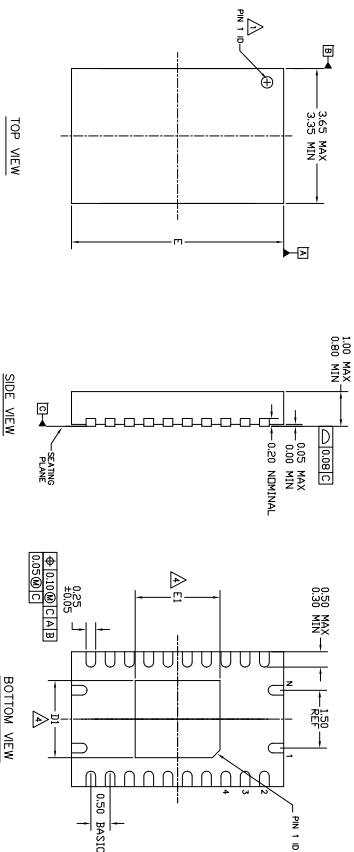
## NRG16



## NRG20



## NRG24




SYMBOL	NRG16		NOTES	NRG20		NOTES	NRG24		NOTE
	MIN.	NOM.		MAX.	MIN.		NOM.	MAX.	
N	3.85	4.15	2	N	20	2	N	24	2
E	1.80	1.90	2.00	E	4.35	4.85	E	5.35	5.65
D1	2.55	2.65	2.75	D1	4	4	D1	4	4
E1				E1			E1		

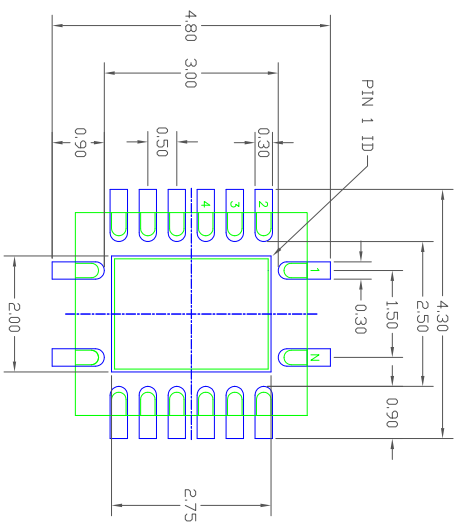
NOTES:  
 1. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.  
 2. N IS THE NUMBER OF TERMINALS.  
 3. ALL DIMENSIONS ARE IN MILLIMETERS.  
 4. DIMENSIONS D1 & E1 VARY DEPENDING ON DEVICE, SUPPLIER, ETC.

TOLERANCES UNLESS SPECIFIED	
DECIMAL	±0.1
ANGULAR	±1°
XXX±	±0.05
XXXX±	±0.30

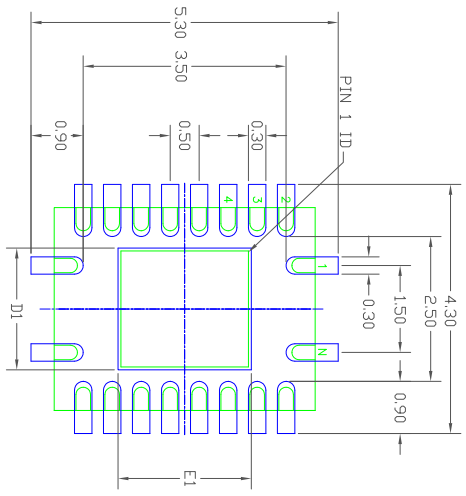
APPROVALS	DATE	TITLE
DRAWN: p3p	02/10/03	NRG PACKAGE OUTLINE
CHECKED		3.5 mm BODY
		VFOFP-N
SIZE	DRAWING No.	REV
C	PSC-4119	03
DO NOT SCALE DRAWING		SHEET 1 OF 2


  
 6024 SILVER CREEK  
 VALLEY ROAD, SAN JOSE,  
 CA 95138  
 PHONE: (408) 284-8200  
 FAX: (408) 284-3572  
[www.idt.com](http://www.idt.com)

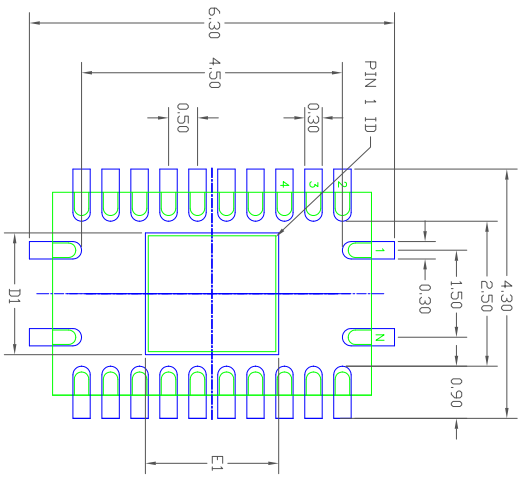
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/28/03	PKP
01	ADDED 24 LEAD	3/19/03	PKP
02	COMBINE POD & LAND PATTERN	2/11/14	JH
03	ADD EPAD DIMENSION NRG16	9/29/14	JH



NRG16




NRG20



NRG24

- NOTES:
1. ALL DIMENSION ARE IN mm. ANGLES IN DEGREES.
  2. TOP DOWN VIEW. AS VIEWED ON PCB.
  3. COMPONENT OUTLINE SHOW FOR REFERENCE IN GREEN.
  4. LAND PATTERN IN BLUE. NSMD PATTERN ASSUMED.
  5. LAND PATTERN RECOMMENDATION PER IPC-7351B GENERIC REQUIREMENT FOR SURFACE MOUNT DESIGN AND LAND PATTERN.

TOLERANCES UNLESS SPECIFIED		ANGULAR ±1°		 <b>www.IDT.com</b> 6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572
DECIMAL	±.05	ANGULAR	±1°	
XX±	.05			
XXX±	.030			
APPROVALS	DATE	TITLE	SIZE	DRAWING No.
DRAWN <i>09/09</i>	02/10/03	NRG PACKAGE OUTLINE	C	PSC-4119
CHECKED		VFOFP-N		
				REV 03
DO NOT SCALE DRAWING				SHEET 2 OF 2