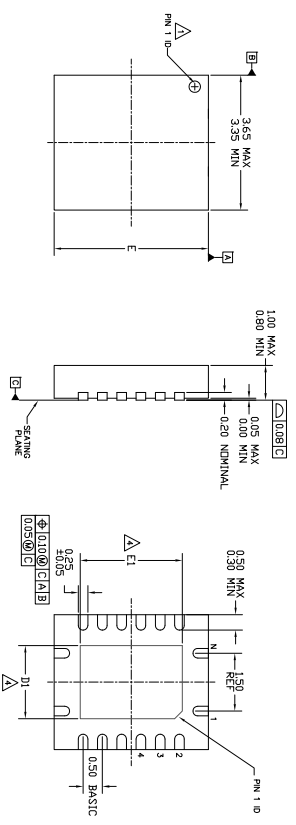
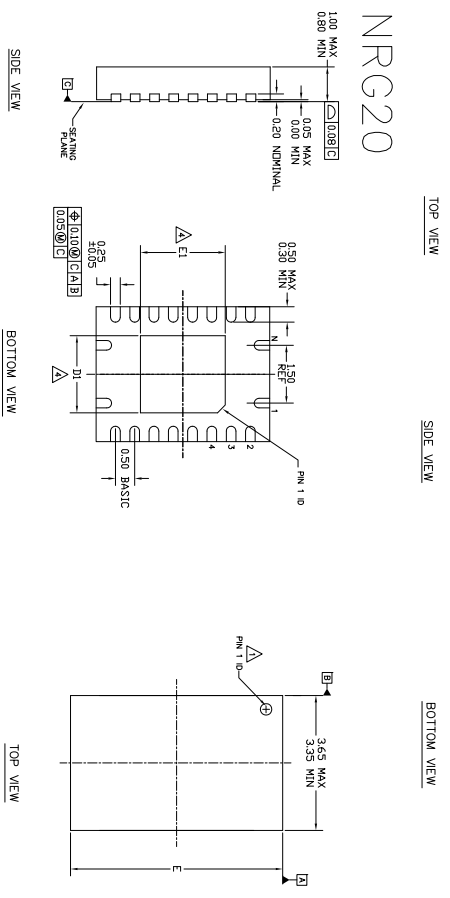


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	02/28/03	PKP
01	ADDED 24 LEAD	3/19/03	PKP
02	COMBINE POD & LAND PATTERN	2/11/14	JH
03	ADD DIMENSION NRG 16 EPAD	9/29/14	JH

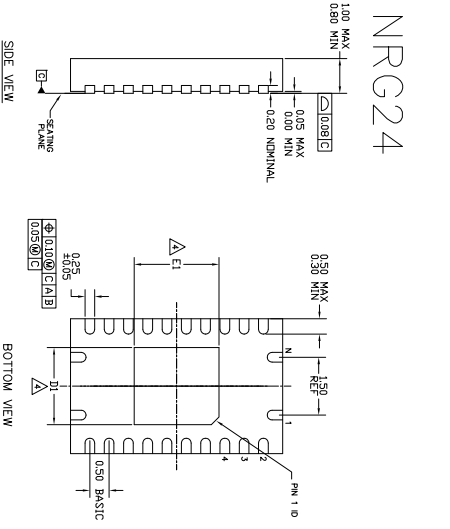
NRG16



NRG20



NRG24

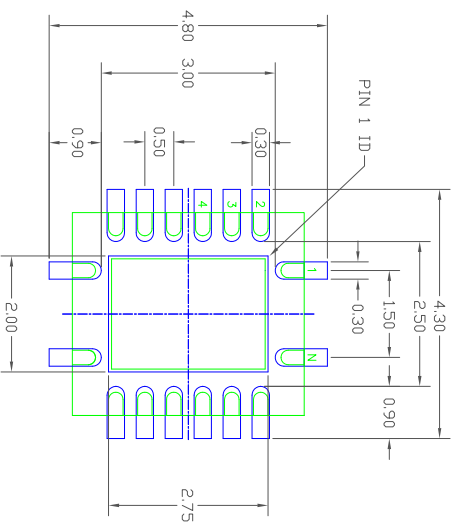


SYMBOL	NRG16		NOTES	NRG20		NOTES	NRG24		NOTE
	MIN.	NOM. MAX.		MIN.	NOM. MAX.		MIN.	NOM. MAX.	
N	16	415	2	20	485	2	24	565	2
E	3.85	—	E	4.35	—	E	5.35	—	E
D1	1.80	1.90	4	D1	—	4	D1	—	4
E1	2.55	2.65	4	E1	—	4	E1	—	4

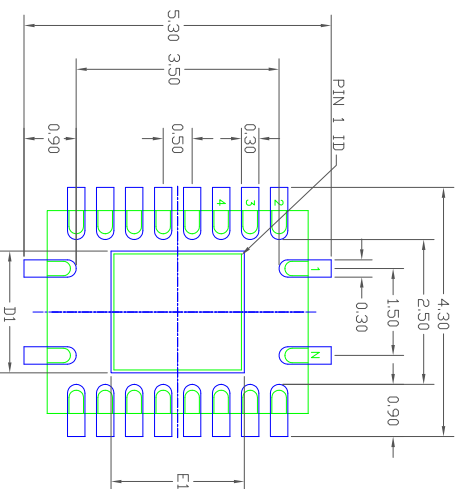
NOTES:
 1. EXACT SHAPE AND SIZE OF THIS FEATURE IS OPTIONAL.
 2. N IS THE NUMBER OF TERMINALS.
 3. ALL DIMENSIONS ARE IN MILLIMETERS.
 4. DIMENSIONS D1 & E1 VARY DEPENDING ON DEVICE, SUPPLIER, ETC.

TOLERANCES UNLESS SPECIFIED		DATE	
DECIMAL	ANGULAR	02/10/03	
XX ± .05	± 1°	APPROVALS	
XXXX ± .030		DRAWN: p3p	
TITLE		SIZE	
NRG PACKAGE OUTLINE		DRAWING No.	
VFOFP-N		PSC-4119	
www.IDT.com		REV	
6024 SILVER CREEK VALLEY ROAD, SAN JOSE, CA 95138		03	
PHONE: (408) 284-8200		DO NOT SCALE DRAWING	
FAX: (408) 284-3572		SHEET 1 OF 2	

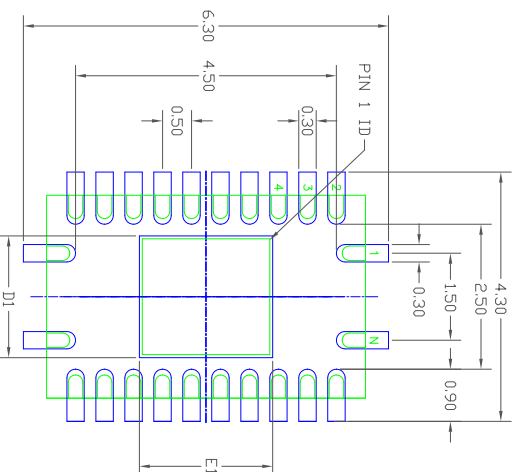
REVISIONS			DATE	APPROVED
REV	DESCRIPTION			
00	INITIAL RELEASE		02/28/03	PKP
01	ADDED 24 LEAD		3/19/03	PKP
02	COMBINE POD & LAND PATTERN		2/11/14	JH
03	ADD EPAD DIMENSION NRG16		9/29/14	JH



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°	 www.IDT.com 6024 SILVER CREEK VALLEY ROAD. SAN JOSE, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572
DECIMAL XX± .05		
XXX± .030		
APPROVALS	DATE	
DRAWN <i>09/09</i>	02/10/03	
CHECKED		TITLE NRG PACKAGE OUTLINE
SIZE C	DRAWING No. PSC-4119	3.5 mm BODY
		VFOFP-N
DO NOT SCALE DRAWING		REV 03
		SHEET 2 OF 2