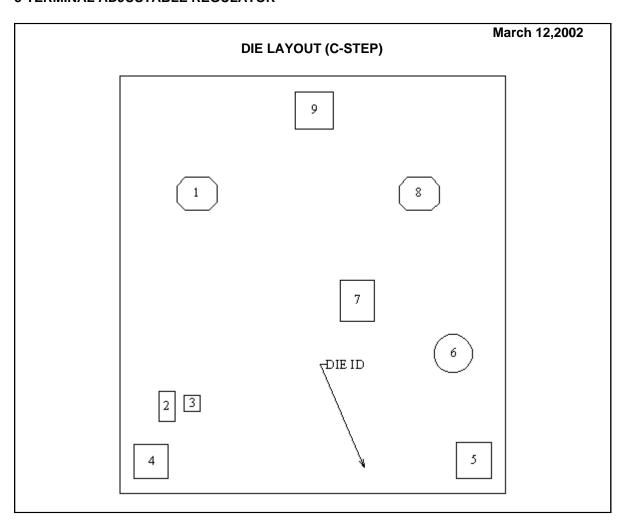


LM117HVH MD8 MW8 3-TERMINAL ADJUSTABLE REGULATOR



DIE/WAFER CHARACTERISTICS

Fabrication Attributes		General Die Information			
Physical Die Identification	117C	Bond Pad Opening Size (min)	229μm x 188μm		
Die Step	С	Bond Pad Metalization	ALUMINUM		
Physical Attributes		Passivation	VOM NITRIDE		
Wafer Diameter	100mm	Back Side Metal	Gold		
Die Size (Drawn)	2362μm x 2184μm 93mils x 86mils	Back Side Connection	OUTPUT		
Thickness	254µm Nominal				
Min Pitch	146µm Nominal				

Special Assembly Requirements:	
Note: Actual die size is rounded to the nearest micron.	



LM117HVH MD8 MW8

3-TERMINAL ADJUSTABLE REGULATOR

	Die Bond P	ad Coordinate	Locations (C -Step)		
(R	eferenced to die ce	enter, coordinates	in μ m) NC =	No Connecti	ion	
SIGNAL	PAD#	X/Y CORRDINATES		PA	Ē	
NAME	NUMBER	Χ	Υ	Χ		Υ
OUTPUT	1	-655	516	229	Х	188
NC	2	-827	-690	89	X	170
NC	3	-681	-673	91	X	91
OUTPUT	4	-914	-1001	193	Χ	198
ADJ	5	913	-997	196	Х	206
NC	6	800	-391	208	X	208
INPUT	7	254	-91	193	Х	234
OUTPUT	8	603	514	226	Х	185
INPUT	9	10	987	213	Х	211

LM117HVH MD8 MW8 3-TERMINAL ADJUSTABLE REGULATOR

Life Support Policy

NATIONAL'S PRODUCTS ARE NOT AUTHORIZED FOR USE AS CRITICAL COMPONENTS IN LIFE SUPPORT DEVICES OR SYSTEMS WITHOUT THE EXPRESS WRITTEN APPROVAL OF THE PRESIDENT OF NATIONAL SEMICONDUCTOR CORPORATION. As used herein:

- 1. Life support devices or systems are devices or systems which, (a) are intended for surgical implant into the body, or (b) support or sustain life, and whose failure to perform when properly used in accordance with instructions for use provided in the labeling, can be reasonably expected to result in significant injury to the
- A critical component in any component of a life support device or system whose failure to perform can be reasonably expected to cause the failure of the life support device or system, or to affect its safety of effectiveness.



IN U.S.A.

Tel: 1 877 Dial Die (1 877 342 5343

Fax: 1 207 541 6140

IN EUROPE

Tel: 49 (0) 8141 351492 / 1495 Fax: 49 (0) 8141 351470

IN ASIA PACIFIC

Tel: (852) 27371701

IN JAPAN

Tel: 81 043 299 2308

National Semiconductor does not assume any responsibility for use of any circuitry described, no circuit patent licenses are implied, and national reserves the right, at any time without notice, to change said circuitry or specifications.

National Semiconductor Corporation 2900 Semiconductor Drive, P.O. Box 58090, Santa Clara, California 95052-8090