



© NXP SEMICONDUCTORS N.V. ALL RIGHTS RESERVED	MECHANICAL OUTLINE	PRINT VERSION NOT TO SCALE
TITLE: SOT363, 6LD, 0.65MM PITCH	DOCUMENT NO: 98ASB42985B	REV: K
	STANDARD: NON-JEDEC	
	SOT1770-1	29 FEB 2016



NOTES:

1. DIMENSIONING AND TOLERANCING PER ASME Y14.5M-1994.
2. CONTROLLING DIMENSION: INCH

DIM	INCH		MILLIMETER		DIM	INCH		MILLIMETER	
	MIN	MAX	MIN	MAX		MIN	MAX	MIN	MAX
A	0.071	0.087	1.8	2.2					
B	0.045	0.053	1.15	1.35					
C	0.031	0.043	0.8	1.10					
D	0.004	0.012	0.1	0.3					
G	0.026 BSC		0.65 BSC						
H	---	0.004	---	0.1					
J	0.004	0.010	0.1	0.25					
K	0.004	0.012	0.1	0.3					
N	0.008 REF		0.2 REF						
S	0.079	0.087	2.0	2.2					
V	0.012	0.016	0.3	0.4					

© NXP SEMICONDUCTORS N.V.
ALL RIGHTS RESERVED

MECHANICAL OUTLINE

PRINT VERSION NOT TO SCALE

TITLE:

SOT363, 6LD, 0.65MM PITCH

DOCUMENT NO: 98ASB42985B REV: K

STANDARD: NON-JEDEC

SOT1770-1

29 FEB 2016



STYLE 1:
PIN 1. EMITTER 2
2. BASE 2
3. COLLECTOR 1
4. EMITTER 1
5. BASE 1
6. COLLECTOR 2

STYLE 2: OBSOLETE

STYLE 3: OBSOLETE

STYLE 4:
PIN 1. CATHODE
2. CATHODE
3. COLLECTOR
4. EMITTER
5. BASE
6. ANODE

STYLE 5:
PIN 1. ANODE
2. ANODE
3. COLLECTOR
4. EMITTER
5. BASE
6. CATHODE

STYLE 6:
PIN 1. ANODE 2
2. N/C
3. CATHODE 1
4. ANODE 1
5. N/C
6. CATHODE 2

STYLE 7:
PIN 1. SOURCE 2
2. DRAIN 2
3. GATE 1
4. SOURCE 1
5. DRAIN 1
6. GATE 2

STYLE 8: OBSOLETE

STYLE 9:
PIN 1. EMITTER 2
2. EMITTER 1
3. COLLECTOR 1
4. BASE 1
5. BASE 2
6. COLLECTOR 2

STYLE 10:
PIN 1. SOURCE 2
2. SOURCE 1
3. GATE 1
4. DRAIN 1
5. DRAIN 2
6. GATE 2

STYLE 11:
PIN 1. CATHODE 2
2. CATHODE 2
3. ANODE 1
4. CATHODE 1
5. CATHODE 1
6. ANODE 2

STYLE 12:
PIN 1. ANODE 2
2. ANODE 2
3. CATHODE 1
4. ANODE 1
5. ANODE 1
6. CATHODE 2

STYLE 13:
PIN 1. ANODE
2. N/C
3. COLLECTOR
4. EMITTER
5. BASE
6. CATHODE

STYLE 14:
PIN 1. VREF
2. GND
3. GND
4. IOUT
5. VEN
6. VCC

STYLE 15:
PIN 1. ANODE
2. ANODE
3. ANODE
4. CATHODE
5. CATHODE
6. CATHODE

STYLE 16:
PIN 1. BASE 1
2. EMITTER 2
3. COLLECTOR 2
4. BASE 2
5. EMITTER 1
6. COLLECTOR 1

STYLE 17:
PIN 1. BASE 1
2. EMITTER 1
3. COLLECTOR 2
4. BASE 2
5. EMITTER 2
6. COLLECTOR 1

STYLE 18:
PIN 1. VIN1
2. VCC
3. VOUT2
4. VIN2
5. GND
6. VOUT1

STYLE 19:
PIN 1. I OUT
2. GND
3. GND
4. V CC
5. V EN
6. V REF

© NXP SEMICONDUCTORS N.V. ALL RIGHTS RESERVED	MECHANICAL OUTLINE	PRINT VERSION NOT TO SCALE
TITLE: SOT363, 6LD, 0.65MM PITCH	DOCUMENT NO: 98ASB42985B	REV: K
	STANDARD: NON-JEDEC	
	SOT1770-1	29 FEB 2016