

RT3DSSM

FOR GENERAL SWITCHING APPLICATION
SILICON EPITAXIAL TYPE(SERIES TYPE)

DESCRIPTION

RT3DSSM is a super mini package plastic seal type silicon epitaxial type composite diode, built with two Series type MC2850.

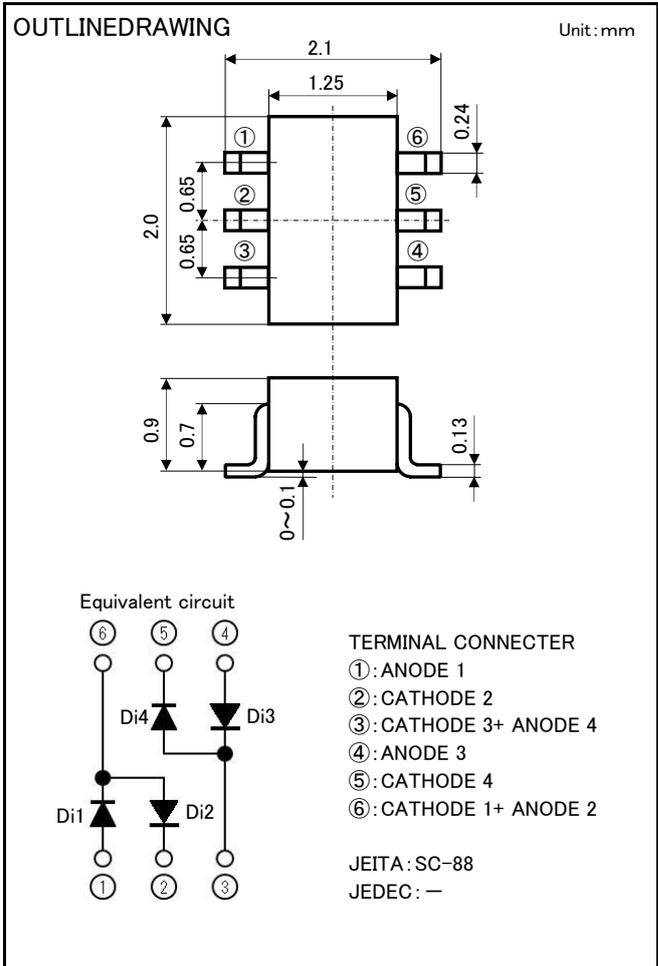
Quadruple and small pin capacitance (4 pieces), suitable for protect circuit, bias circuit.

FEATURE

- Small pin capacitance
- Quadruple diodes and super mini package for mounting

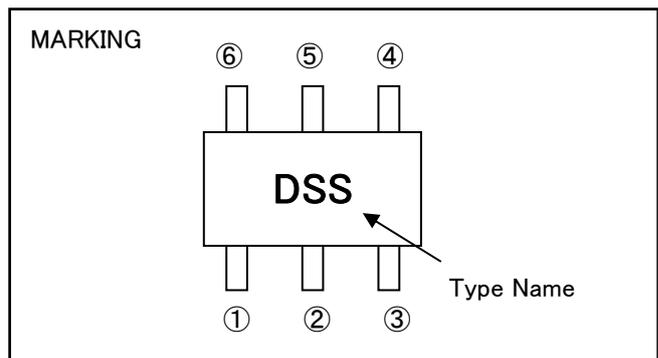
APPLICATION

For general switching of audio machine, VTR.



MAXIMUM RATINGS (Ta=25°C) (Di1·Di2,Di3·Di4 COMMON)

Parameter	Symbol	Ratings	Unit
Peak reverse voltage	V_{RM}	35	V
DC reverse voltage	V_R	30	V
Surge current (1 μ s)	I_{FSM}	4	A
Peak forward current	I_{FM}	300	mA
Average rectification current	I_O	100	mA
Total dissipation	P_T	200	mW
Junction temperature	T_j	+150	°C
Storage temperature	T_{stg}	-55~+150	°C



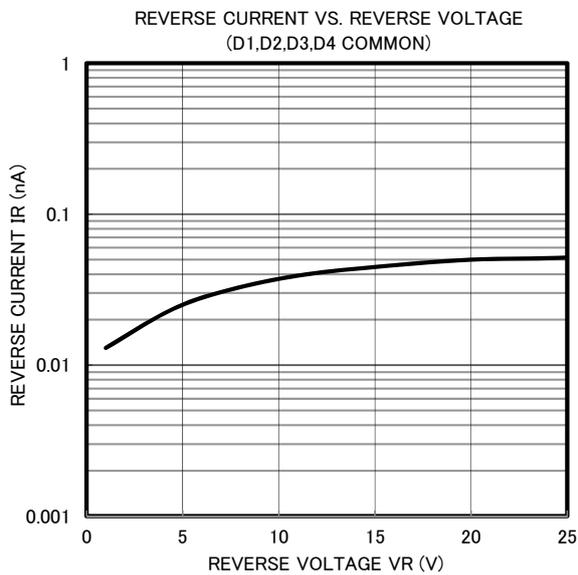
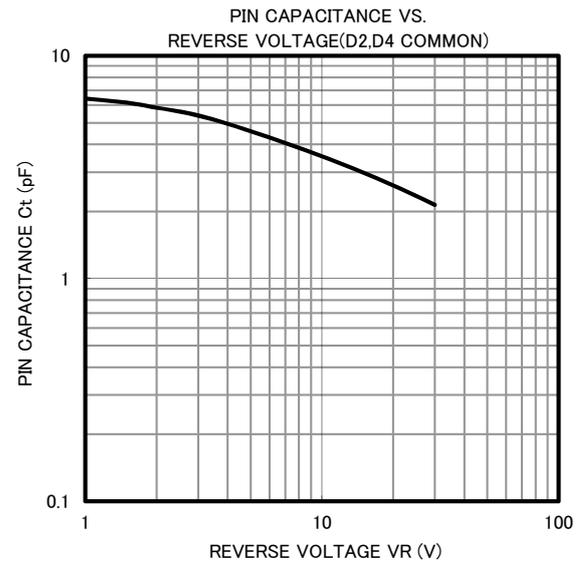
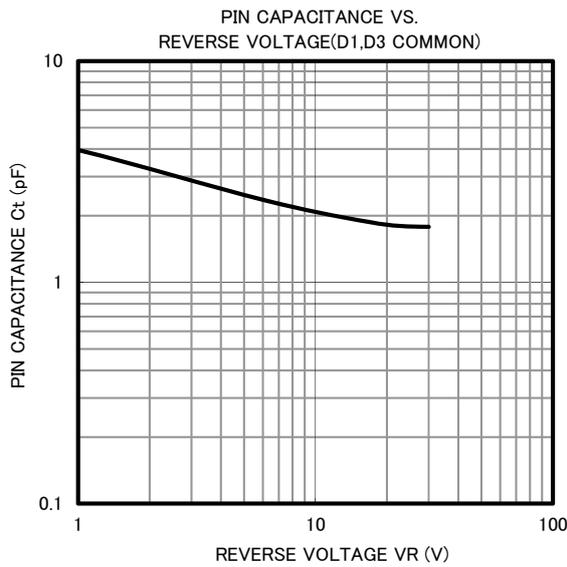
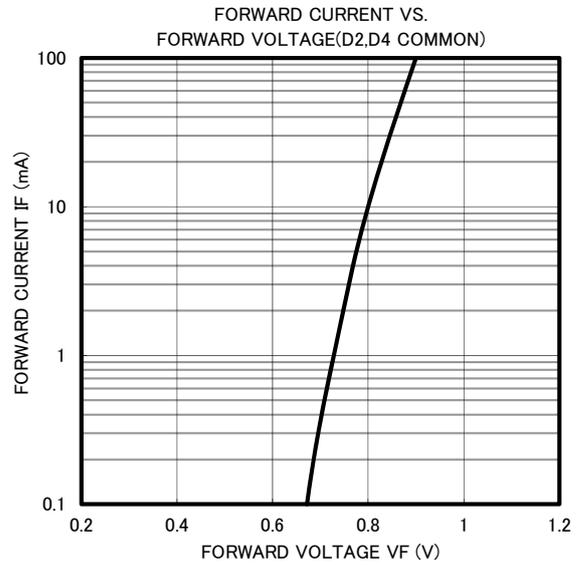
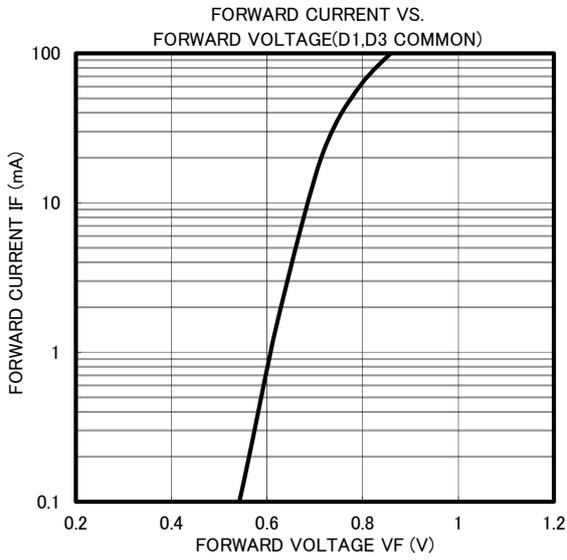
ELECTRICAL CHARACTERISTICS (Ta=25°C) (Di1·Di2,Di3·Di4 COMMON)

Parameter	Symbol	Test conditions	Limits			Unit	
			Min	Typ	Max		
Forward voltage	V_{F1}	$I_F=10mA$	-	0.75	1.0	V	
	V_{F2}	$I_F=50mA$	-	0.85	1.2		
	V_{F3}	$I_F=100mA$	-	0.90	1.4		
Reverse current	I_R	$V_R=30V$	-	-	0.1	μ A	
Pin capacitance	C_t	$V_R=0V, f=1MHz$	Di1,Di3	-	6	-	pF
			Di2,Di4	-	10	-	

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TYPICAL CHARACTERISTICS



Keep safety first in your circuit designs!

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