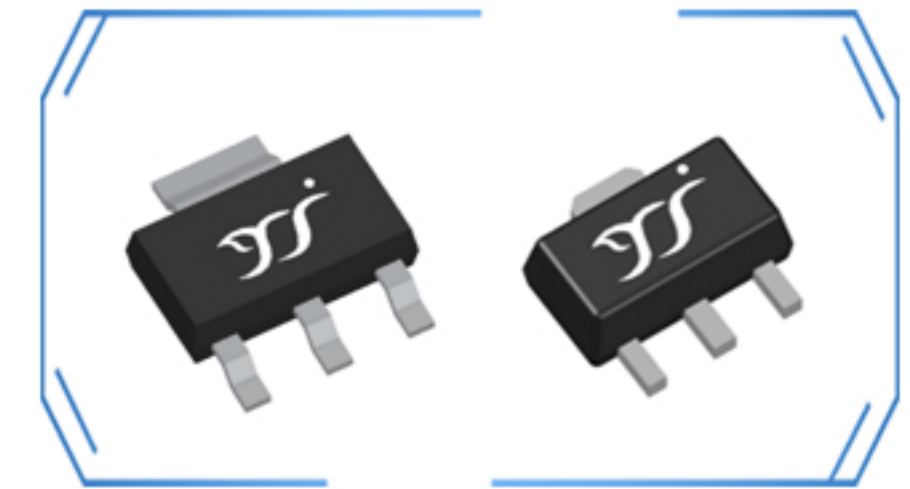


Low $V_{CE(sat)}$ 3A Bipolar Transistor

Product Introduction

1. It could be assembled in various packages, including SOT-23, SOT-89, SOT-223, etc.
2. It is suitable for conventional switching applications and also meets the high-efficiency control requirements of low-voltage & high-speed switching applications to reduce costs.
3. SMD package with environmentally friendly materials and complying with the RoHS standard.



Product Features

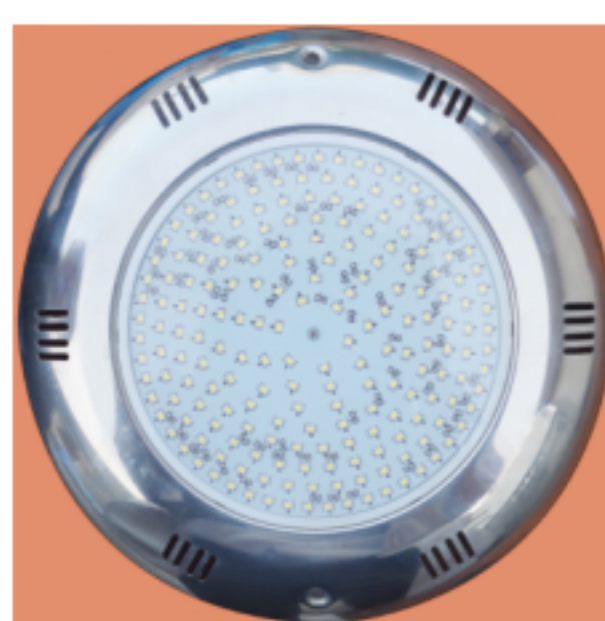
1. Strong antistatic discharge ability to prevent sensitive components from damage.
2. Higher efficiency and faster switching speed to reduce system heat and power losses.
3. Moderate switching speed to reduce noise harmonics, making it more suitable for applications requiring electromagnetic interference (EMI) control.
4. Compliant with MSL1 (Moisture Sensitivity Level 1) humidity sensitivity rating standards.

Electrical Parameters

TYPE NO.	POLARITY	P_{CM} mW	I_C A	BV_{CBO} V	BV_{CEO} V	BV_{EBO} V	HFE				$V_{CE(sat)}$			Package
							Min	Max	V_{ce} V	I_c mA	V	I_C mA	I_B mA	
PBSS5240X	PNP	500	-2	-40	-40	-5	215	/	-5	-500	-0.63	-2000	-200	SOT-89
PBSS4350X	NPN	500	3	50	50	5	300	700	2	1000	0.37	3000	300	SOT-89
PBSS5330X	PNP	500	-3	-30	-30	-6	175	450	-2	-1000	-0.32	-3000	-300	SOT-89
PBSS5350X	PNP	500	-3	-50	-50	-5	200	/	-2	-1000	-0.39	-3000	-300	SOT-89
PBSS4350Z	NPN	1000	3	50	50	5	200	/	2	1000	0.29	2000	200	SOT-223
PBSS5350Z	PNP	1000	-3	-50	-50	-5	200	/	-2	-1000	-0.3	-2000	-200	SOT-223
PBSS304NZ	NPN	1000	5.2	60	60	5	300	/	2	1000	0.28	5200	260	SOT-223
PBSS304PZ	PNP	1000	-4.5	-60	-60	-5	200	/	-2	-1000	-0.375	-4500	-225	SOT-223
PBHV9414Z	PNP	1000	-4	-180	-140	-7	100	300	-5	-1000	-0.55	-4000	-400	SOT-223

Please Refer To The Official Website For More Details

Application



LED Light



Automotive