

XP22 Series

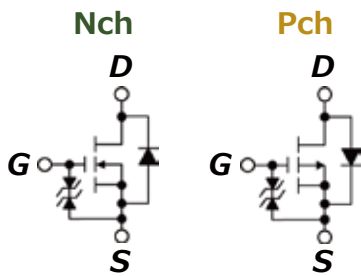
Nch / Pch MOSFETs in SOT-23 (TO-236) Package



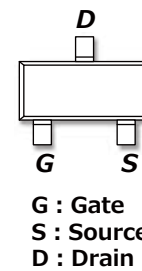
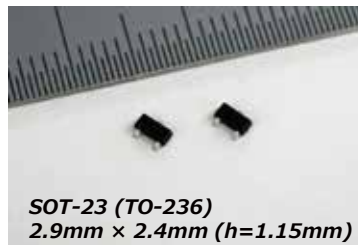
Features

- Built-in Gate Protection Diode
- Low On-State Resistance / High-Speed Switching
- Environmentally friendly :Halogen & Antimony Free / EU RoHS Compliant

Symbols



Package Information



Applications

- General Purpose
- Switching Circuit
- Relay Circuit

N-channel MOSFETs

Ta=25°C

Status	Part	Absolute Maximum Ratings			Electrical Characteristics R _{DS(ON)} (Ω)				V _{GS(off)} (V)	
		V _{DSS} (V)	V _{GSS} (V)	I _D (A)	V _{GS} =1.5(V)	V _{GS} =2.5(V)	V _{GS} =4.5(V)	V _{GS} =10(V)	MIN.	MAX.
					TYP.	TYP.	TYP.	TYP.		
New	XP222N0301TR-G	20	±8	0.3	-	1.2	0.76	-	0.4	1.3
New	XP223N1001TR-G	20	±8	1	0.55	0.25	0.15	-	0.4	1.2
New	XP224N0601TR-G	20	±8	0.6	-	0.38	0.25	-	0.4	1.1
New	XP225N2001TR-G	20	±8	2	-	0.08	0.07	-	0.35	1.1

P-channel MOSFETs

Ta=25°C

Status	Part	Absolute Maximum Ratings			Electrical Characteristics R _{DS(ON)} (Ω)				V _{GS(off)} (V)	
		V _{DSS} (V)	V _{GSS} (V)	I _D (A)	V _{GS} =-1.5(V)	V _{GS} =-2.5(V)	V _{GS} =-4.5(V)	V _{GS} =-10(V)	MIN.	MAX.
					TYP.	TYP.	TYP.	TYP.		
New	XP221P0501TR-G	-20	±8	-0.5	-	1	0.6	-	-0.4	-1.3
New	XP222P0801TR-G	-20	±8	-0.8	-	0.45	0.3	-	-0.4	-1.3
New	XP223P1501TR-G	-20	±8	-1.5	-	0.16	0.1	-	-0.4	-1.3