

# XP23x / XP26x Series

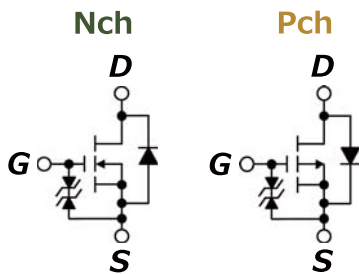
## Nch / Pch MOSFETs in SOT-23 Package



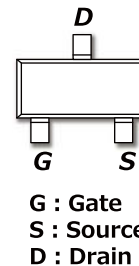
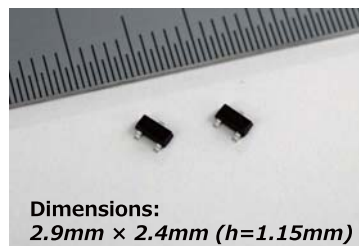
### Features

- 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				V <sub>GS(off)</sub> (V)	
		V <sub>DSS</sub> (V)	V <sub>GSS</sub> (V)	I <sub>D</sub> (A)	R <sub>DS(ON)</sub> (Ω)				MIN.	MAX.
					V <sub>GS</sub> =1.8(V) TYP.	V <sub>GS</sub> =2.5(V) TYP.	V <sub>GS</sub> =4.5(V) TYP.	V <sub>GS</sub> =10(V) TYP.		
Under Development	XP231N0201TR-G	30	±20	0.15	-	5.5	3	-	0.8	1.8
New	XP232N0301TR-G	30	±20	0.3	-	-	1.7	1.1	0.9	2.5
New	XP233N0501TR-G	30	±20	0.5	-	1.5	0.6	-	0.9	1.7
New	XP234N0801TR-G	30	±20	0.8	-	-	0.3	0.2	0.9	2.6
New	XP235N2001TR-G	30	±20	2	-	-	0.11	0.08	1	2.4
New	XP261N7002TR-G	60	±20	0.15	-	-	3.5	3	0.9	2.1
New	XP262N7002TR-G	60	±20	0.3	-	-	1.5	1.1	1.1	2.1
New	XP263N1001TR-G	60	±20	1	-	-	0.23	0.18	1.1	2.4
New	XP264N0301TR-G	60	±20	0.3	-	-	1.5	1.1	1.1	2.1
New	XP236N2001TR-G	30	±8	2	-	0.1	0.08	-	0.4	1.1

### P-channel MOSFETs

Ta=25°C

Status	Part	Absolute Maximum Ratings			Electrical Characteristics				V <sub>GS(off)</sub> (V)	
		V <sub>DSS</sub> (V)	V <sub>GSS</sub> (V)	I <sub>D</sub> (A)	R <sub>DS(ON)</sub> (Ω)				MIN.	MAX.
					V <sub>GS</sub> =-1.8(V) TYP.	V <sub>GS</sub> =-2.5(V) TYP.	V <sub>GS</sub> =-4.5(V) TYP.	V <sub>GS</sub> =-10(V) TYP.		
Under Development	XP231P0201TR-G	-30	±8	-0.2	-	4	3.2	-	-0.5	-1.2
Under Development	XP232P0501TR-G	-30	±8	-0.45	-	1.45	0.95	-	-0.4	-1.1
Under Development	XP233P1501TR-G	-30	±20	-1.5	-	-	0.22	0.13	-0.9	-1.9

