

# SJ-MOS C2系列产品—600V/650V

## 600V SJ-MOSFET C2

R <sub>DS(on)</sub> ,max [Ω]	TO-252	TO-251	TO-251S3	TO-251S2	TO-220F	TO-220	TO-263	TO-262	TO-247
1.9	WMO04N60C2	WMP04N60C2	WMG04N60C2	WMH04N60C2	WML04N60C2				
1.14	WMO07N60C2	WMP07N60C2	WMG07N60C2	WMH07N60C2	WML07N60C2	WMK07N60C2			
0.94	WMO09N60C2	WMP09N60C2	WMG09N60C2	WMH09N60C2	WML09N60C2	WMK09N60C2			
0.69	WMO10N60C2	WMP10N60C2	WMG10N60C2	WMH10N60C2	WML10N60C2	WMK10N60C2	WMM10N60C2	WMN10N60C2	
0.54	WMO11N60C2	WMP11N60C2			WML11N60C2	WMK11N60C2	WMM11N60C2	WMN11N60C2	
0.405	WMO14N60C2	WMP14N60C2			WML14N60C2	WMK14N60C2	WMM14N60C2	WMN14N60C2	
0.32	WMO16N60C2	WMP16N60C2			WML16N60C2	WMK16N60C2	WMM16N60C2	WMN16N60C2	
0.3	WMO20N60C2	WMP20N60C2			WML20N60C2	WMK20N60C2	WMM20N60C2	WMN20N60C2	
0.19					WML26N60C2	WMK26N60C2	WMM26N60C2	WMN26N60C2	WMJ26N60C2
0.099					WML38N60C2*	WMK38N60C2*	WMM38N60C2*	WMN38N60C2*	WMJ38N60C2*
0.07					WML53N60C2*				WMJ53N60C2*
0.04									WMJ80N60C2*

## 650V SJ-MOSFET C2

R <sub>DS(on)</sub> ,max[Ω]	TO-252	TO-251	TO-251S3	TO-251S2	TO-220F	TO-220	TO-263	TO-262	TO-247
1.9	WMO04N65C2	WMP04N65C2	WMG04N65C2	WMH04N65C2	WML04N65C2				
1.14	WMO07N65C2	WMP07N65C2	WMG07N65C2	WMH07N65C2	WML07N65C2	WMK07N65C2			
0.94	WMO09N65C2	WMP09N65C2	WMG09N65C2	WMH09N65C2	WML09N65C2	WMK09N65C2			
0.69	WMO10N65C2	WMP10N65C2	WMG10N65C2	WMH10N65C2	WML10N65C2	WMK10N65C2	WMM10N65C2	WMN10N65C2	
0.54	WMO11N65C2	WMP11N65C2			WML11N65C2	WMK11N65C2	WMM11N65C2	WMN11N65C2	
0.405	WMO14N65C2	WMP14N65C2			WML14N65C2	WMK14N65C2	WMM14N65C2	WMN14N65C2	
0.32	WMO16N65C2	WMP16N65C2			WML16N65C2	WMK16N65C2	WMM16N65C2	WMN16N65C2	
0.3	WMO20N65C2	WMP20N65C2			WML20N65C2	WMK20N65C2	WMM20N65C2	WMN20N65C2	
0.19					WML26N65C2	WMK26N65C2	WMM26N65C2	WMN26N65C2	WMJ26N65C2
0.099					WML38N65C2*	WMK38N65C2*	WMM38N65C2*	WMN38N65C2*	WMJ38N65C2*
0.07					WML53N65C2*				WMJ53N65C2*
0.04									WMJ80N65C2*

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## 700V SJ-MOSFET C2

R <sub>DS(on)</sub> ,max [Ω]	TO-252	TO-251	TO-251S3	TO-251S2	TO-220F	TO-220	TO-263	TO-262
2.45	WMO04N70C2	WMP04N70C2	WMG04N70C2	WMH04N70C2	WML04N70C2			
1.45	WMO07N70C2	WMP07N70C2	WMG07N70C2	WMH07N70C2	WML07N70C2	WMK07N70C2		
1.2	WMO09N70C2	WMP09N70C2	WMG09N70C2	WMH09N70C2	WML09N70C2	WMK09N70C2		
0.92	WMO10N70C2	WMP10N70C2	WMG10N70C2	WMH10N70C2	WML10N70C2	WMK10N70C2	WMM10N70C2	WMN10N70C2
0.68	WMO11N70C2	WMP11N70C2			WML11N70C2	WMK11N70C2	WMM11N70C2	WMN11N70C2
0.53	WMO14N70C2	WMP14N70C2			WML14N70C2	WMK14N70C2	WMM14N70C2	WMN14N70C2
0.42	WMO16N70C2	WMP16N70C2			WML16N70C2	WMK16N70C2	WMM16N70C2	WMN16N70C2

## SOT-223-2L SJ-MOSFET C2

R <sub>DS(on)</sub> ,max[Ω]	600V	650V	700V
2.45			WMF04N70C2
1.9	WMF04N60C2	WMF04N65C2	
1.45			WMF07N70C2
1.2			WMF09N70C2
1.14	WMF07N60C2	WMF07N65C2	
0.94	WMF09N60C2	WMF09N65C2	

# SJ-MOS C2系列产品—800V/900V

## 800V SJ-MOSFET C2

R <sub>DS(on)</sub> ,max [Ω]	TO-252	TO-251	TO-220F	TO-220	TO-263	TO-262	TO-247
5.0	WMO03N80C2*	WMP03N80C2*	WML03N80C2*	WMK03N80C2*	WMM03N80C2*	WMN03N80C2*	
2.8	WMO04N80C2	WMP04N80C2	WML04N80C2	WMK04N80C2	WMM04N80C2	WMN04N80C2	
2.45	WMO05N80C2	WMP05N80C2	WML05N80C2	WMK05N80C2	WMM05N80C2	WMN05N80C2	
2.0	WMO07N80C2	WMP07N80C2	WML07N80C2	WMK07N80C2	WMM07N80C2	WMN07N80C2	
1.45	WMO08N80C2*	WMP08N80C2*	WML08N80C2*	WMK08N80C2*	WMM08N80C2*	WMN08N80C2*	
1.05	WMO10N80C2	WMP10N80C2	WML10N80C2	WMK10N80C2	WMM10N80C2	WMN10N80C2	
0.91	WMO11N80C2*	WMP11N80C2*	WML11N80C2*	WMK11N80C2*	WMM11N80C2*	WMN11N80C2*	
0.44			WML13N80C2	WMK13N80C2	WMM13N80C2	WMN13N80C2	WMJ13N80C2
0.29			WML17N80C2*	WMK17N80C2*	WMM17N80C2*	WMN17N80C2*	WMJ17N80C2*
0.19			WML30N80C2*	WMK30N80C2*			WMJ30N80C2*

## 900V SJ-MOSFET C2

R <sub>DS(on)</sub> ,max [Ω]	TO-252	TO-251	TO-220F	TO-220	TO-263	TO-262	TO-247
7.0	WMO02N90C2*	WMP02N90C2*					
5.2	WMO03N90C2	WMP03N90C2	WML03N90C2	WMK03N90C2	WMM03N90C2	WMN03N90C2	
3.1	WMO05N90C2	WMP05N90C2	WML05N90C2	WMK05N90C2	WMM05N90C2	WMN05N90C2	
2.5	WMO06N90C2	WMP06N90C2	WML06N90C2	WMK06N90C2	WMM06N90C2	WMN06N90C2	
2.0	WMO07N90C2*	WMP07N90C2*	WML07N90C2*	WMK07N90C2*	WMM07N90C2*	WMN07N90C2*	
1.37	WMO09N90C2	WMP09N90C2	WML09N90C2	WMK09N90C2	WMM09N90C2	WMN09N90C2	
1.2	WMO10N90C2*	WMP10N90C2*	WML10N90C2*	WMK10N90C2*	WMM10N90C2*	WMN10N90C2*	
0.75			WML12N90C2*	WMK12N90C2*	WMM12N90C2*	WMN12N90C2*	WMJ12N90C2*
0.45			WML15N90C2*	WMK15N90C2*	WMM15N90C2*	WMN15N90C2*	WMJ15N90C2*
0.31			WML21N90C2*	WMK21N90C2*			WMJ21N90C2*

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# SJ-MOS VD系列产品—600V/650V

## 600V SJ-MOSFET VD

R <sub>DS(on)</sub> ,max [Ω]	TO-252	TO-251	TO-220F	TO-220	TO-263	TO-262
1.89	WMO05N60VD	WMP05N60VD	WML05N60VD			
1.35	WMO07N60VD*	WMP07N60VD*	WML07N60VD*	WMK07N60VD*		
1.13	WMO09N60VD	WMP09N60VD	WML09N60VD	WMK09N60VD		
0.92	WMO10N60VD	WMP10N60VD	WML10N60VD	WMK10N60VD		
0.69	WMO12N60VD	WMP12N60VD	WML12N60VD	WMK12N60VD	WMM12N60VD	WMN12N60VD
0.53	WMO15N60VD	WMP15N60VD	WML15N60VD	WMK15N60VD	WMM15N60VD	WMN15N60VD

## 650V SJ-MOSFET VD

R <sub>DS(on)</sub> ,max[Ω]	TO-252	TO-251	TO-220F	TO-220	TO-263	TO-262
1.89	WMO05N65VD	WMP05N65VD	WML05N65VD			
1.35	WMO07N65VD*	WMP07N65VD*	WML07N65VD*	WMK07N65VD*		
1.13	WMO09N65VD	WMP09N65VD	WML09N65VD	WMK09N65VD		
0.92	WMO10N65VD	WMP10N65VD	WML10N65VD	WMK10N65VD		
0.69	WMO12N65VD	WMP12N65VD	WML12N65VD	WMK12N65VD	WMM12N65VD	WMN12N65VD
0.53	WMO15N65VD	WMP15N65VD	WML15N65VD	WMK15N65VD	WMM15N65VD	WMN15N65VD

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# SJ-MOS FD系列产品—600V/650V

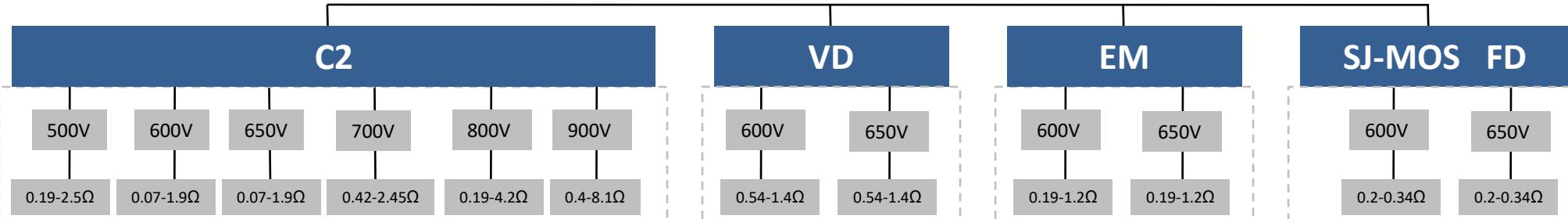
## 600V SJ-MOSFET FD

R <sub>DS(on)</sub> ,max[Ω]	TO-220F	TO-220	TO-263	TO-262	TO-247
0.43	WML14N60FD	WMK14N60FD	WMM14N60FD	WMN14N60FD	
0.32	WML16N60FD	WMK16N60FD	WMM16N60FD	WMN16N60FD	
0.2	WML26N60FD	WMK26N60FD	WMM26N60FD	WMN26N60FD	WMJ26N60FD

## 650V SJ-MOSFET FD

R <sub>DS(on)</sub> ,max[Ω]	TO-220F	TO-220	TO-263	TO-262	TO-247
0.43	WML14N65FD	WMK14N65FD	WMM14N65FD	WMN14N65FD	
0.32	WML16N65FD	WMK16N65FD	WMM16N65FD	WMN16N65FD	
0.2	WML26N65FD	WMK26N65FD	WMM26N65FD	WMN26N65FD	WMJ26N65FD

## SoftMOS™



## Applications & SMPS Topologies



### Adapter/Charger

PFC/Quasi Resonant Flyback/Flyback/PSR



### PC

PFC / TTF 80+



### LCD TV

PFC / Quasi Resonant Flyback/Flyback



### LED/HID

PFC / Quasi Resonant Flyback/Flyback /PSR



### Server/UPS

PFC

### Adapter/Charger

Flyback/PFC/PSR

### TV

Flyback/PFC

### LED

Flyback/PFC/PSR

### Adapter/Charger

Flyback/PFC/PSR

### PC

PFC / TTF 80+

### TV

Flyback/PFC

### LED

Flyback/PFC/PSR

### Server/UPS

PFC

### Adapter/Charger

LLC/Resonant full-bridge

### PC

Resonant half-bridge (LLC)

### LCD TV

LLC

### LED/HID

LLC/Resonant full-bridge

### Server/UPS

LLC/ZVS Full-bridge

*The End*