

## JJMICROELECTRONICS (China)

### Qidong

No. 3000, Qiantang River Road,  
Economic Development Zone,  
Qidong, Jiangsu

### Nantong

No. 6, Jinggangshan Road,  
Sutong Science and Technology Industrial Park,  
Nantong, Jiangsu

No.1, Jinggangshan Road,  
Suxitong Park, Nantong, Jiangsu

### Shenzhen

Room 4108, Block B1, Building 12,  
Shenzhen Bay Science and  
Technology Ecological Park, Shenzhen

Room 1403, Block B, Building 3,  
Tianyungu Phase I, Bantian Street,  
Longgang District, Shenzhen

### Wuxi

H1-7, China Internet of Things  
International Innovation Park,  
No.6, Jingxian Road, Xinwu District, Wuxi

### Shanghai

11 / F, Block A, No. 333, Haiyang 1st Road,  
Lingang Special Area Shanghai Pilot Free Trade Zone

Room 1501 & 1502,  
AFC Great Hongqiao International,  
No.999, Li'an Road, Xinzhuang Town,  
Minhang District, Shanghai

### Chengdu

No. 2 Heshun Road, Chengdu High-tech Zone,  
block 3 unit 2 #09-03, Chengdu

## JJMICROELECTRONICS (International)

### Singapore

1 One-north Crescent,  
Level 7 Singapore 138538

### India

Delhi, India

### Germany

Stuttgart, Germany

### Hungary

Budapest, Hungary

# IGBT Selection Guide



Leveraging from JIM's decades of excellence in semiconductor manufacturing, JIM has introduced in its product portfolio to include IGBTs based on Trench + Field Stop process technology.

## Wide portfolio catering to various industrial applications

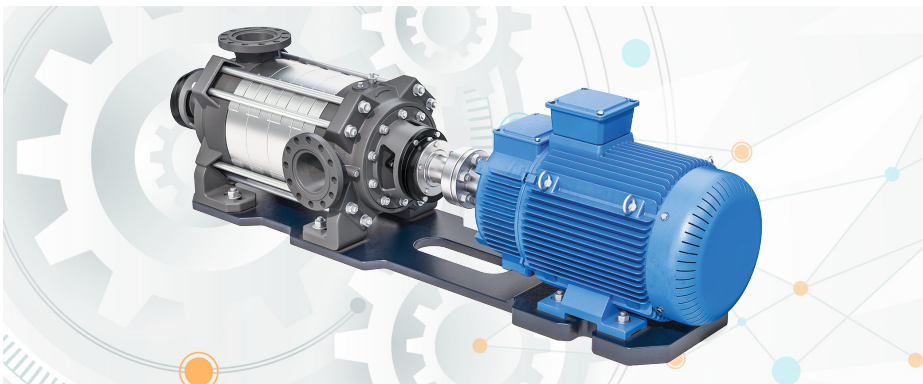
Complimentary to JIM rich portfolio and experience in designing and manufacturing class leading diode discrete, a co-packaged diode has been included in the IGBT portfolio that offers high performance and flexibility to designers.








Available in 3 different series as denoted by the part number nomenclature targeting different applications and requirements, The S-series, H-series and U-series.




**S-series** is targeting low switching (e.g. < 20kHz) frequency applications (e.g. motor control).

**H-series** is targeting medium switching (e.g. between 20~40kHz) frequency applications (e.g. UPS).

**U-series** is targeting towards high switching (e.g. 20~60kHz) frequency applications (e.g. PFC).



650V	75A	60A	50A	40A	30A	20A	15A	10A	6A
 DPAK								JJT10N65ST JJT6N65STD	JJT6N65ST JJT6N65STD
 D2PAK	JJT75N65HCN					JJT20N65SC	JJT15N65SC	JJT10N65SC JJT10N65SCD	JJT6N65SC
 TO-220					JJT30N65SY	JJT20N65SY	JJT15N65SY JJT15N65SG		
 TO-220F					JJT30N65SS	JJT20N65SS	JJT15N65SS	JJT10N65SS	
 TO-3P		JJT60N65UH	JJT50N65UH	JJT40N65UH					
 TO-247	JJT75N65HE	JJT60N65UE JJT60N65HE	JJT50N65UE JJT50N65HE JJT50N65LE	JJT40N65UE JJT40N65HE JJT40N65LE	JJT30N65SE JJT30N65UE	JJT20N65SE			
 TO-247i				JJT40N65HK					

1200V / 1350V	75A	60A	50A	40A	30A	25A	15A	10A	6A
 TO-3P						JJT25N120HH			
 TO-247				JJT40N120SE JJT40N120UE JJT40N120HE	JJT30N135UE*	JJT25N120SE JJT25N120HE JJT25N135UE*	JJT15N120SE		
 TO-247 PLUS	JJT75N120SA JJT75N120HA								

\*1350V

Package	Standard Packing Quantity (SPQ) (pcs)	Minimum Ordering Quantity (MOQ) (pcs)
TO-252	2,500	15,000
TO-263	800	4,000
TO-220	50	5,000
TO-220F	50	5,000
TO-3P	30	2,250
TO-247	30	2,250
TO-247i	30	2,250
TO-247 PLUS	30	2,250