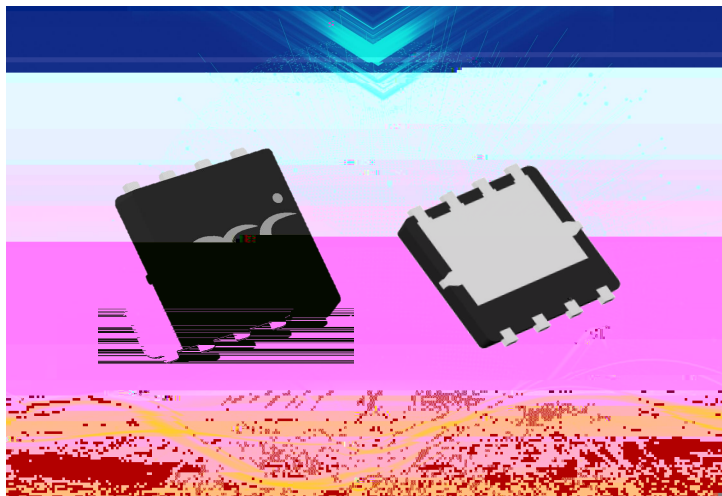




NEW
PRODUCT

New N100V MOSFET for PD Power Supply



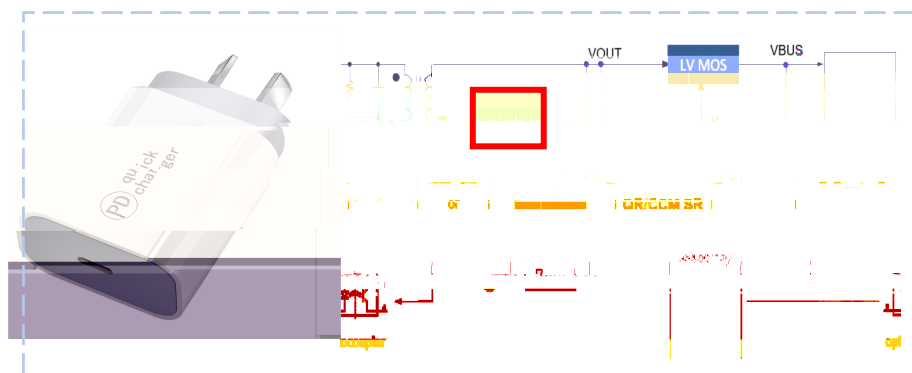
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YangJie technology recently launched a series of N100V mosfet products for PD power supplies. The products adopt specially optimized SGT technology, with low $R_{ds(on)}$ and Q_g , significantly reducing forward voltage drop and switching losses while enhancing the avalanche resistance of the mosfet.

Product
Features

1. The product utilizes optimized SGT technology, featuring low on-resistance and excellent switching performance.
2. The product adopts PDFN 5*6-8L package, suitable for PD power synchronous rectifier applications
3. For various working states of power supply applications, optimize the EAS capability of MOS products to enhance their reliability.

| Product Name | Package | Vds V | ID A | Vth V typ. | Rds10V mohm typ. | Rds10V mohm max. | Qg10V nC typ. | Tj | N/P |
|--------------|-------------|-------|------|------------|------------------|------------------|---------------|---------|-----|
| YJG8DOG10H | PDFN5060-8L | 100 | 83 | 3 | 6.3 | 8 | 22.7 | -55-150 | N |
| YJG7D4G10H | PDFN5060-8L | 100 | 86 | 3 | 6.1 | 7.4 | 23.4 | -55-150 | N |
| YJG6D3G10H | PDFN5060-8L | 100 | 100 | 3 | 5.1 | 6.3 | 26.3 | -55-150 | N |
| YJG5D2G10H | PDFN5060-8L | 100 | 105 | 3 | 4.3 | 5.2 | 35.8 | -55-150 | N |
| YJG4D6G10H | PDFN5060-8L | 100 | 149 | 3 | 3.7 | 4.6 | 40.2 | -55-150 | N |



Typical
Applica-
-tions

Power Delivery charger