

DFN0606 MOSFET

Smallest package with 0.35 mm pitch

Design benefits

- Same performance as larger package on smallest footprint
- Ideal for mobile and space-constraint application
- Broad portfolio in N-channel and P-channel
- 2N7002 functionality in DFN0606

Key technical features & portfolio

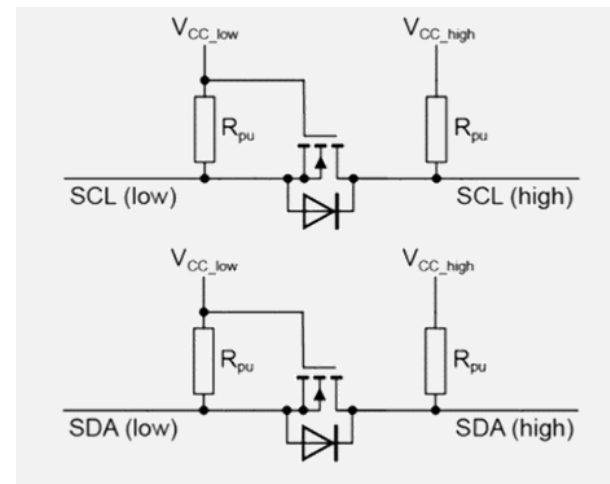
- Leadless ultra small package DFN0606-3
- Lowest $R_{DS(on)}$ in the market (in development) down to 170 m Ω
- Low voltage drive ($V_{GS(th)} = 0.7$ V typ)
- Voltage range of 20 V to 60 V

Part number	Polarity	V_{DS} (V)	V_{GS} (V)	ESD robustness (kV)	$R_{DS(on)}$ typ (m Ω) @ $V_{GS} = 4.5$ V
PMH260UNE	N	20	8	1.8	260
PMH600UNE	N	20	8	1	470
PMH400UNE	N	30	8	1.8	400
PMH550UNE	N	30	8	2	550
NX7002BKH	N	60	20	2	2100
PMH550UPE	P	20	8	1.8	550
PMH950UPE	P	20	8	1	1000
PMH850UPE	P	30	8	1.8	850
PMH1200UPE	P	30	10	2	1300

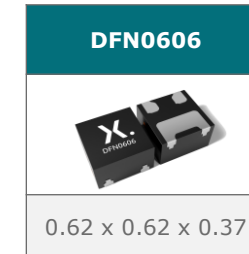
Functions & applications

- Mobile phones
- Wearable, portable devices
- Mobile phone accessories
- Headsets, earphones, hearing aids

Application diagram



Available packages (W x L x H in mm)



Discovery questions

- Is the board space limited in your application? (is space saving a concern)
- Can your production handle CSP products? (determine if DFN or CSP is preferred)
- Can sunlight or other radiation reach your board? (DFN housed products are less sensitive to radiation)

Disclaimer: Please refer to MFP Product Details in MFP pack for complete overview and release dates of related products