



> DFN0606

Ultra-small footprint, increased power efficiency, 0.35 mm pitch

Nexperia's smallest MOSFET package provides the most minute DFN solution in today's commonly used pitch size of 0.35 mm. An ideal replacement solution where space is paramount, this ultra-small package offers significant space efficiency whilst providing minimal efforts on assembly adjustment.

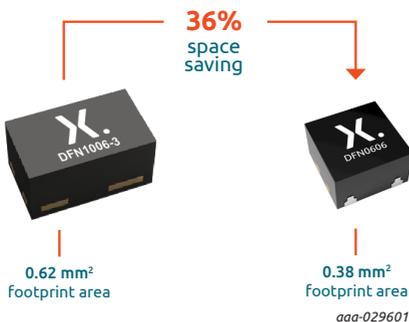
Features

- > Ultra-small 0.6 x 0.6 mm footprint, 0.37 height
- > Low $P_{DS(on)}$ down to 20V N-ch 260 mΩ & P-ch 550 mΩ
- > Low voltage drive
- > 0.35mm pitch
- > Available in N and P Channel

Benefits

- > 36% space saving compared to DFN1006
- > ESD protection of up to 2 kV
- > Comparable performance as 2N7002
- > High volume production, scalable capacity
- > Optimum board level reliability

Space saving



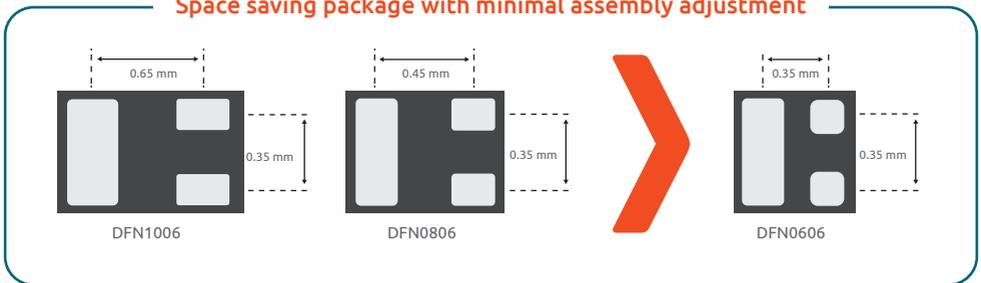
Typical applications

- > Wearables
- > Mobile
- > Mobile accessories
- > Computing accessories
- > Portable devices
- > Standard switch
- > Level transistor

DFN0606 product range

Package							DFN0606-3
							
Size (mm)							0.62 x 0.62 x 0.37
Polarity	V _{DS} (V)	V _{GS} (V)	V _{G5th} Min (V)	V _{G5th} Max (V)	ESD Protection (kV)	R _{DS(on)} typ (mΩ) @ V _{GS} = 4.5 V	
N	20	8	0.45	0.95	1.8	260	PMH260UNE
			0.45	0.95	1	470	PMH600UNE
	30	8	0.45	0.95	1.7	400	PMH400UNE
			0.45	0.95	2	550	PMH550UNE
	60	20	1.1	2.1	2	2100	NX7002BKH
P	20	8	0.45	0.95	1.8	550	PMH550UPE
			0.45	0.95	1	1000	PMH950UPE
	30	8	0.45	0.95	1.8	850	PMH850UPE
			10	0.45	0.95	2	1300

Space saving package with minimal assembly adjustment



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