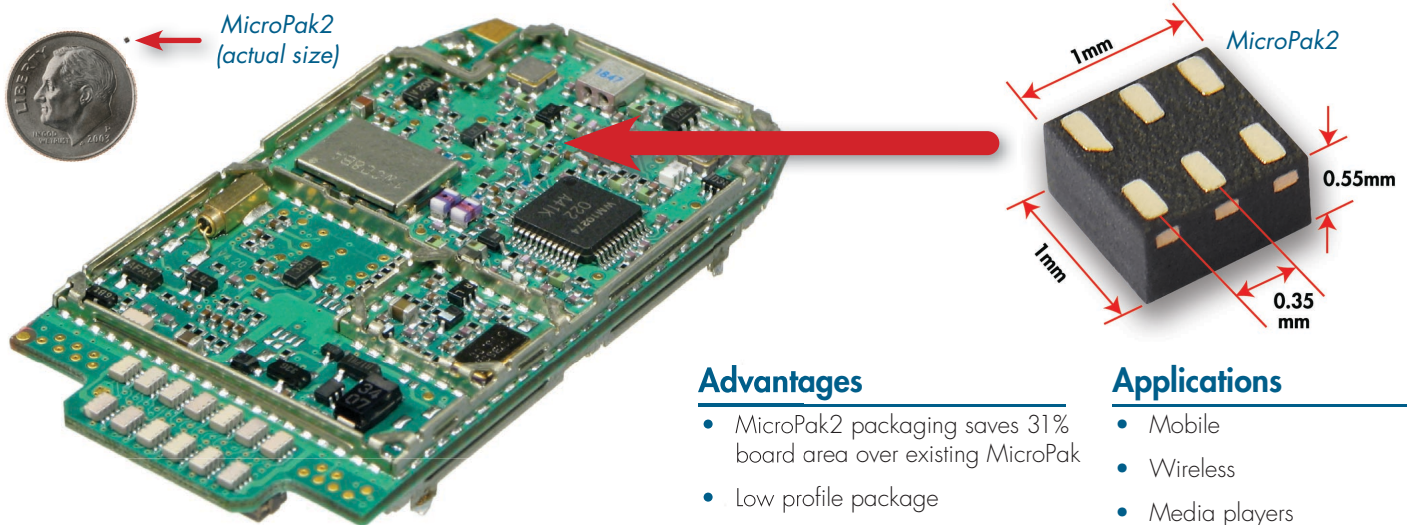


MICROPAK2™ SELECTION GUIDE

Fairchild's Offering

Fairchild Semiconductor now offers the next generation of MicroPak™ packages, the MicroPak2™. MicroPak, a small MLP, is used for many space constrained, mobile applications. MicroPak2 packaging utilizes the same technology as its predecessor, but features 31% space savings. Fairchild offers MicroPak2 packaging in an expanding line of products including TinyLogic™ gates and translators from our logic line and high performance analog switches. MicroPak2 products are green, lead-free and RoHS compliant.



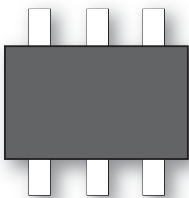
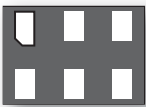

Advantages

- MicroPak2 packaging saves 31% board area over existing MicroPak
- Low profile package
- Small footprint improves flexibility in high density boards

Applications

- Mobile
- Wireless
- Media players
- Portable medical devices

Fairchild Offers a Variety of Industry Leading Packages

Package Migration Comparison and Options			
Measurements (mm)	SC70-6	MicroPak-6	MicroPak2-6
Mounted Width	2.10	1.00	1.0
Body Width	1.25	1.00	1.0
Length	2.00	1.45	1.0
Height	0.90	0.55	0.55
Pin Pitch	0.65	0.50	0.35

For additional information, please visit:
www.fairchildsemi.com/micropakpackaging/

For data sheets, application notes, samples and more, please visit: www.fairchildsemi.com

Planned Portfolio*

Product Number (MicroPak2™)	Product Family	Description	Other Packages
FSA1156FHX	Analog Switch	Low R _{ON} Low Voltage SPST Analog Switch	MicroPak™, SC70
FSA1157FHX	Analog Switch	Low R _{ON} Low Voltage SPST Analog Switch	MicroPak, SC70
FSA2156FHX	Analog Switch	Low Voltage SPST 0.4 Ohm Analog Switch	MicroPak, SC70
FSA3157BFHX	Analog Switch	Low Voltage SPDT Analog Switch or 2:1 Multiplexer/Demultiplexer Bus Switch	MicroPak
FSA4157FHX	Analog Switch	Low Voltage 1 Ohm SPDT Analog Switch	MicroPak, SC70
FSA4157AFHX	Analog Switch	Low Voltage 1 Ohm SPDT Analog Switch	MicroPak, SC70
FSA4159AFHX	Analog Switch	Low Voltage 1 Ohm SPDT Analog Switch with Power-Off Isolation	MicroPak, SC70
FSA5157FHX	Analog Switch	0.4 Ohm Low Voltage SPDT Analog Switch	MicroPak, SC70
FXLA101FHX	FXL Translator	Dual Supply 1-Bit Voltage Translator	MicroPak
FXLP34FHX	FXL Translator	Single Bit Uni-Directional Translator	MicroPak, SC70
NC7SP04FHX	TinyLogic ULP Series	TinyLogic ULP Inverter	MicroPak, SC70
NC7SP08FHX	TinyLogic ULP Series	TinyLogic ULP 2-Input AND Gate	MicroPak, SC70
NC7SP17FHX	TinyLogic ULP Series	TinyLogic ULP Single Buffer with Schmitt Trigger Input	MicroPak, SC70
NC7SP126FHX	TinyLogic ULP Series	TinyLogic ULP Buffer with 3-State Output	MicroPak, SC70
NC7SV00FHX	TinyLogic ULP-A Series	TinyLogic ULP-A 2-Input NAND Gate	MicroPak, SC70
NC7SV02FHX	TinyLogic ULP-A Series	TinyLogic ULP-A 2-Input NOR Gate	MicroPak, SC70
NC7SV04FHX	TinyLogic ULP-A Series	TinyLogic ULP-A Inverter	MicroPak, SC70
NC7SV05FHX	TinyLogic ULP-A Series	TinyLogic ULP-A Inverter (Open Drain Output)	MicroPak, SC70
NC7SV08FHX	TinyLogic ULP-A Series	TinyLogic ULP-A 2-Input AND Gate	MicroPak, SC70
NC7SV17FHX	TinyLogic ULP-A Series	TinyLogic ULP-A Single Buffer with Schmitt Trigger Input	MicroPak, SC70
NC7SV32FHX	TinyLogic ULP-A Series	TinyLogic ULP-A 2-Input OR Gate	MicroPak, SC70
NC7SV57FHX	TinyLogic ULP-A Series	TinyLogic ULP-A Universal Configurable 2-Input Logic Gates	MicroPak, SC70
NC7SV58FHX	TinyLogic ULP-A Series	TinyLogic ULP-A Universal Configurable 2-Input Logic Gates	MicroPak, SC70
NC7SVL04FHX	Tiny Logic ULP-A Series	TinyLogic Low-I _{CCT} Inverter	MicroPak, SC70
NC7SVL08FHX	Tiny Logic ULP-A Series	TinyLogic Low-I _{CCT} Two-Input AND Gate	MicroPak, SC70
NC7SVL32FHX	Tiny Logic ULP-A Series	Tiny Logic Low-I _{CCT} Two-Input OR Gate	MicroPak, SC70
NC7SZ00FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input NAND Gate	MicroPak, SC70, SOT-23
NC7SZ02FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input NOR Gate	MicroPak, SC70, SOT-23
NC7SZ04FHX	TinyLogic UHS Series	TinyLogic UHS Inverter	MicroPak, SC70, SOT-23
NC7SZ05FHX	TinyLogic UHS Series	TinyLogic UHS Inverter (Open Drain Output)	MicroPak, SC70, SOT-23
NC7SZ08FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input AND Gate	MicroPak, SC70, SOT-23
NC7SZ14FHX	TinyLogic UHS Series	TinyLogic UHS Inverter with Schmitt Trigger Input	MicroPak, SC70, SOT-23
NC7SZ18FHX	TinyLogic UHS Series	TinyLogic UHS 1-of-2 Non-Inverting Demultiplexer with 3-State Deselected Output	MicroPak, SC70
NC7SZ19FHX	TinyLogic UHS Series	TinyLogic UHS 1-of-2 Decoder/Demultiplexer	MicroPak, SC70
NC7SZ32FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input OR Gate	MicroPak, SC70, SOT-23
NC7SZ38FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input NAND Gate (Open Drain Output)	MicroPak, SC70, SOT-23
NC7SZ57FHX	TinyLogic UHS Series	TinyLogic UHS Universal Configurable 2-Input Logic Gates	MicroPak, SC70
NC7SZ58FHX	TinyLogic UHS Series	TinyLogic UHS Universal Configurable 2-Input Logic Gates	MicroPak, SC70
NC7SZ86FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input Exclusive-OR Gate	MicroPak, SC70, SOT-23
NC7SZ125FHX	TinyLogic UHS Series	TinyLogic UHS Buffer with 3-State Output	MicroPak, SC70, SOT-23
NC7SZ126FHX	TinyLogic UHS Series	TinyLogic UHS Buffer with 3-State Output	MicroPak, SC70, SOT-23
NC7SZ157FHX	TinyLogic UHS Series	TinyLogic UHS 2-Input Non-Inverting Multiplexer	MicroPak, SC70
NC7SZU04FHX	TinyLogic UHS Series	TinyLogic UHS Unbuffered Inverter	MicroPak, SC70, SOT-23
NC7WZ04FHX	TinyLogic UHS Series	TinyLogic UHS Dual Inverter	MicroPak, SC70
NC7WZ07FHX	TinyLogic UHS Series	TinyLogic UHS Dual Buffer (Open Drain Outputs)	MicroPak, SC70
NC7WZ14FHX	TinyLogic UHS Series	TinyLogic UHS Dual Inverter with Schmitt Trigger Inputs	MicroPak, SC70
NC7WZ16FHX	TinyLogic UHS Series	TinyLogic UHS Dual Buffer	MicroPak, SC70
NC7WZ17FHX	TinyLogic UHS Series	TinyLogic UHS Dual Buffer with Schmitt Trigger Inputs	MicroPak, SC70

*Please contact Fairchild for availability and pricing