

FLEXIPANEL Zigbee and Bluetooth Modules



This product is RoHS compliant.

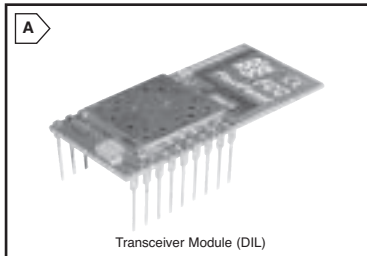
FlexiPanel designs and manufactures value-added RF modules and specializes in off-the-shelf solutions for OEMs, which include all RF circuitry, including antennas, and FCC/CE certifications. The aim is to make RF integration easy. FlexiPanel is also a leading provider of Bluetooth and ZigBee/IEEE 802.15.4 modules. The company regularly patents key aspects of its designs and is continually reinvesting in order to diversify its offering of modular electronics products.

2.4 GHZ RF MODULES AND ADAPTERS

EasyBee is an IEEE 802.15.4 compliant RF transceiver. It enables designers to easily add ZigBee / IEEE 802.15.4 wireless capability to their products without the need for RF or antenna design expertise.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FlexiPanel Part No.	Fig.	Description	RoHS & Pb Free	Price Each	
					1	10
132-EASYBEE	EASYBEE	A	2.4GHz Transceiver Module DIL package	Yes	31.83	30.64
132-EASYBEE_SO	EASYBEE_SO	B	2.4GHz Transceiver Module SO package	Yes	20.26	19.50
132-EASYBEE-EVAL	EASYBEE-EVAL	-	EasyBee Evaluation Board - IEEE 802.15.4	Yes	30.55	29.41



PIXIE ZIGBEE FFD MODULES

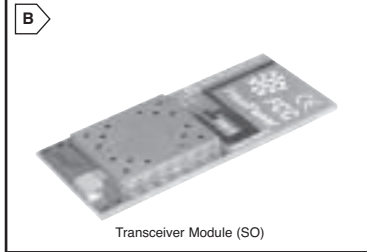
Pixie provides a complete ZigBee solution for OEMs, integrating IEEE 802.15.4 2.4GHz PHY / MAC layers with Microchip Technology's NWK / APL / ZDO layers. It provides a path for extremely rapid migration from Microchip's PICDEM Z ZigBee development environment to market-ready product.

Pixie is capable of full function device (FFD) operation and is suitable for router and coordinator nodes. The lower cost Pixie Lite version is used for reduced function devices, e.g. endpoints, with 2 fewer I/O lines.

Dual In Line Package

For quantities greater than listed, call for quote.

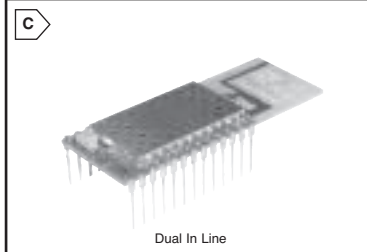
MOUSER STOCK NO.	FlexiPanel Part No.	Fig.	Description	RoHS & Pb Free	Price Each	
					1	10
132-PIXIE-PXSC	PIXIE-PXSC	C	Switcher Coordinator firmware	Yes	52.17	50.22
132-PIXIE-PXSR	PIXIE-PXSR	C	Switcher Router firmware	Yes	52.17	50.22
132-PIXIE-LITE-PLFE	PIXIE-LITE-PLFE	C	Switcher Fast End Device firmware	Yes	50.89	48.99
132-PIXIE-LITE-PLSE	PIXIE-LITE-PLSE	C	Switcher Sleepy End Device firmware	Yes	50.89	48.99
132-PIXIE-EVAL	PIXIE-EVAL	C	Pixie Evaluation Kit - ZigBee	Yes	381.90	367.65



Surface Mount Package

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FlexiPanel Part No.	Fig.	Description	RoHS & Pb Free	Price Each	
					1	10
132-PIXIE-SO-PXSC	PIXIE-SO-PXSC	D	Switcher Coordinator firmware	Yes	39.72	38.24
132-PIXIE-SO-PXSR	PIXIE-SO-PXSR	D	Switcher Router firmware	Yes	39.72	38.24
132-PIXIE-LT-SO-PLFE	PIXIE-LT-SO-PLFE	D	Switcher Fast End Device firmware	Yes	36.56	35.19
132-PIXIE-LT-SO-PLSE	PIXIE-LT-SO-PLSE	D	Switcher Sleepy End Device firmware	Yes	36.56	35.19
132-PIXIE-EVAL	PIXIE-EVAL	D	Pixie Evaluation Kit - ZigBee	Yes	381.90	367.65

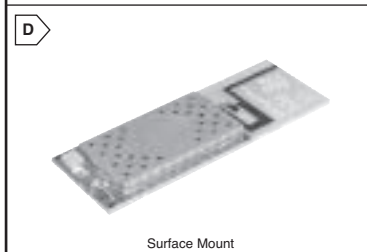


BLUETOOTH 2.0 TRANSCEIVERS

LinkMatik 2.0 is a serial / PCM audio to Bluetooth data link. It can be controlled from a host controller using simple commands. LinkMatik 2.0 can also operate without a host controller for point-to-point serial connections. Auto-Slave and Auto-Master modes allow LinkMatik 2.0 to operate as a slave, master or wedded pair. LinkMatik is shipped in Auto-Slave mode.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	FlexiPanel Part No.	Fig.	Description	RoHS & Pb Free	Price Each	
					1	10
132-LINKMATIK-2-DIL	LINKMATIK 2 DIL	E	Dual In Line package, 3.3V - 5V	Yes	81.47	78.43
132-LINKMATIK-2-SO	LINKMATIK 2 SO	F	Surface Mount package, 3.3V	Yes	50.89	48.99

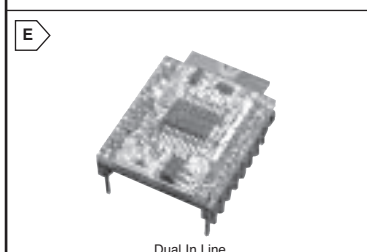


TOOTHPICK 2.0, PIC WITH BLUETOOTH

Toothpick is a PIC microcontroller and LinkMatik radio combination, preloaded with Toothpick Services firmware providing FlexiPanel user interface server, wireless field programming and Toothpick Slave for optional external host control.

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MOUSER STOCK NO.	FlexiPanel Part No.	Fig.	Description	RoHS & Pb Free	Price Each	
					1	10
132-TOOTHPICK-2-DIL	TOOTHPICK 2 DIL	G	Toothpick 2.0, 28-pin DIL package, 3.3V - 5V	Yes	122.21	117.65
132-TOOTHPICK-2-SO	TOOTHPICK 2 SO	G	Toothpick 2.0, SO package, 3.3V - 5V	Yes	99.29	95.59
132-TOOTHPICK-2L-SO	TOOTHPICK 2L SO	G	Toothpick 2.0 Lite, SO package, 3.3V	Yes	76.38	73.53
132-EVAL-BT	EVAL-BT	-	Bluetooth Evaluation Board	Yes	126.28	121.57



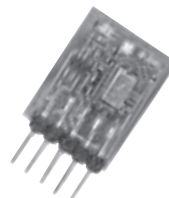
TEACLIPPER

The World's Smallest PIC & Stamp Programmers Programming - Archiving - Firmware Sales - Field Updates

TEAclippers are a portable, target-powered firmware programmers for Microchip PIC microcontrollers and Parallax BASIC Stamps. About the same weight and size as a nickel (US 5 cent coin), they can be readily transported and plugged into a PCB or prototyping board containing the microcontroller requiring programming. TEAclippers makes it easy to sell firmware and also to deliver updates to products already delivered to customers.

Features:

- Currently supports a wide variety of PICs and Stamps
- Planned support for other microcontrollers
- Limited-download feature that counts the number of devices programmed. When the limit is reached the TEAclipper refuses to program any more, allowing firmware to be sold on a per-copy basis
- Encrypted delivery secures against copying
- Unique serial numbers and license codes can be written to each target device programmed
- Powered in-situ by target circuit
- TEAclipper USB adapter used for charging TEAclippers with firmware



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MOUSER STOCK NO.	FlexiPanel Part No.	Description	Price Each	
			1	10
132-TEACL-PIC-HV	TEACL-PIC-HV	TEAclipper/PIC programming clip high or low voltage programming	37.52	36.12
132-TEACL-PIC-LV	TEACL-PIC-LV	TEAclipper/PIC programming clip low voltage programming only	26.80	25.80
132-TEACL-STAMP	TEACL-STAMP	TEAclipper/Stamp programming clip	26.80	25.80
132-TEACL-CRYPTO	TEACL-CRYPTO	TEAclipper/Crypto programming clip	26.80	25.80
132-TEACL-PIC-DB	TEACL-PIC-DB	TEAclipper/PIC ICD2 debugging adapter	26.80	25.80
132-TEACL-STAMP-DB	TEACL-STAMP-DB	TEAclipper/PIC BASIC Stamp Editor debugging adapter	26.80	25.80
132-TEACL-EVAL	TEACL-EVAL	TEAclipper evaluation board	107.20	103.20
132-TEACL-USB	TEACL-USB	TEAclipper USB adapter	40.20	38.70

