

Digilent Pmod Modules available from RS Components

RS ID	MPN	Module	Description
134-6450	410-163	Pmod 8LD Eight High-Brightness LEDs	The Pmod 8LD features eight high-brightness LEDs driven by logic level transistors so that each LED can be individually illuminated from a logic high signal.
134-6459	410-255	Pmod ACL2 3-axis MEMS Accelerometer	The Pmod ACL2 is a 3-axis MEMS accelerometer module featuring the Analog Devices ADXL362 device.
134-6443	410-064	Pmod AD1 Dual 1MSPS 12-bit ADC + filters	The Pmod AD1 is a two-channel, 12-bit ADC module featuring the Analog Devices AD7476A device.
134-6463	410-286	Pmod ALS Ambient Light Sensor	The Pmod ALS is a single ambient light sensor module based on the Texas Instruments ADC081S021 ADC and Vishay Semiconductor's TEMA6000X01 sensor device.
134-6461	410-270	Pmod AMP3 2W Stereo Power Amplifier	The Pmod AMP3 module features the Analog Devices SSM2518 digital-input 2W Class-D stereo audio power amplifier device.
134-6449	410-136	Pmod BB Wire-Wrap/Breadboard	The Pmod BB is a prototyping board with a 266 point grid of solder pads for custom development. A solderless breadboard is also provided which can be stuck on the board instead.
136-8063	410-214	Pmod BT2 Bluetooth 2.1 Wireless Module	The Pmod BT2 provides Bluetooth 2.1 wireless communication through an RN-42 radio transceiver module.
136-8059	410-077	Pmod BTN Four De-bounced Pushbuttons	The Pmod BTN module provides four momentary-action, fully de-bounced pushbuttons.
134-6437	240-021-2	Pmod Cable Kit , 12-pin	These extension cables let you locate a Pmod 150mm away from its host board, or use a 12-pin Pmod on a system board with only two 6-pin Pmod headers available.
134-6446	410-082	Pmod CON3 Quad R/C Servomotor connector	The Pmod CON3 provides a standard 3-pin connector for up to four hobby servo motors.
134-6448	410-113	Pmod DA2 Dual 12-bit DAC	The Pmod DA2 is a dual 12-bit DAC module featuring the Texas Instruments DAC121S101 device.
134-6456	410-241	Pmod DA3 16-bit DAC	The Pmod DA3 is a 16-bit DAC module featuring the Analog Devices AD5541A device.
134-6485	410-333	Pmod DPG1 Differential Pressure Gauge	The Pmod DPG1 is a differential pressure gauge module featuring an NXP MP3V5010DP piezoresistive transducer and a Texas Instruments ADCS7476 12-bit ADC.
134-6455	410-237	Pmod GPS GPS Receiver	The Pmod GPS utilizes the MediaTek GPS MT3329 device on a GlobalTop FGPMOPA6H GPS antenna module to receive positional data from GPS satellites.
134-6454	410-215	Pmod GYRO 3-axis MEMS Gyroscope	The Pmod GYRO (Rev A) utilizes an L3G4200D gyroscope device to provide motion sensing data on each of the three Cartesian axes.
134-6445	410-069	Pmod HB3 2A H-bridge Driver + F/B	The Pmod HB3 features a full H-Bridge driver circuit for driving a brushed DC motor from the system board. Two external pins are provided for optional sensor feedback from the motor.
134-6447	410-106	Pmod HB5 2A H-bridge Driver + F/B	The Pmod HB5 features a full H-Bridge driver circuit for driving a brushed DC motor from the system board. Functionally identical to the Pmod HB3, it differs in that the motor connection is a 6-pin JST socket compatible with Digilent motor/gearboxes.
136-8072	410-347	Pmod HYGRO Humidity/Temperature Sensor	The Pmod HYGRO is a relative humidity sensor with integrated temperature sensor for highly accurate measurements.
136-8062	410-191	Pmod I2S Digital to Stereo Audio Output	The Pmod I2S is based on a Cirrus Logic CS4344 Stereo DAC converting a serial I ² S data stream to an analogue signal for driving standard headphones.
136-8064	410-219	Pmod IOXP I2C Port Expander	The Pmod IOXP is an I/O expansion module based on the Analog Devices ADP5589 device providing up to 19 GPIO pins from an I ² C bus connection, as well as a keypad matrix decoder.
136-8069	410-325	Pmod ISNS20 12-bit 20A Current Sensor	The Pmod ISNS20 is a small current measuring module based on an Allegro ACS722 Hall Effect current sensor with an ADCS7476 12-bit ADC from Texas Instruments.
134-6484	410-330	Pmod JSTK2 2-axis Joystick + Trigger	The Pmod JSTK2 is a two-axis joystick with a centre button, a trigger button and a programmable RGB LED.
136-8060	410-086	Pmod LS1 Line Follower Sensor Interface	The Pmod LS1 receives signals from multiple optical sensors, such as the popular combination of an IR LED with an IR sensor used in line-following robots.
134-6479	410-320	Pmod LVLSHFT Logic Level Shifter	The Pmod LVLSHFT is a digital logic level shifter. For example, this module is ideal for users who want to supply +3.3V CMOS logic signals but have an alternate logic level output used for other applications, such as JTAG programming.
134-6439	240-071	Pmod MAXSONAR Ultrasonic Range Finder	The Pmod MAXSONAR is a single-transducer ultrasonic range finder based on the MaxBotix® LV-MaxSonar®-EZ1™ module.
134-6475	410-312	Pmod MIC3 MEMS Microphone	The Pmod MIC3 (Rev A) consists of a Knowles Acoustics SPA2410LR5H-B MEMS microphone and ADCS7476 12-bit ADC.

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134-6482	410-326	Pmod NAV 9-axis IMU + Barometer	The Pmod NAV uses the LSM9DS1 3-axis accelerometer / gyroscope / magnetometer, plus the LPS25HB digital barometer to provide the basics of an Inertial Measurement Unit (IMU).
136-8065	410-222	Pmod OLED 128 x 32 Mono OLED Display	The Pmod OLED is a 128 x 32pixel monochrome OLED panel featuring a Solomon Systech SSD1306 controller and a UG-2832HSWEG04 display from Univision.
134-6481	410-323	Pmod OLEDrgb 96 x 64 RGB OLED Display	The Pmod OLEDrgb (Rev B) is an organic RGB LED module with a 96 x 64 pixel display capable of 16-bit colour resolution.
134-6444	410-068	Pmod RS232 UART-RS232 Convertor	The Pmod RS232 converts between digital logic-voltage levels of a UART device to RS-232 voltage levels required by a PC COM port.
134-6474	410-310	Pmod RS485 Isolated RS-485 Communication	The Pmod RS485 uses the Analog Devices ADM2582E chip to provide RS-485 / RS-422 differential signalling between devices in environments with high electrical noise.
134-6476	410-315	Pmod TC1 K-Type Thermocouple	The Pmod TC1 (Rev A) is a cold-junction thermocouple-to-digital converter module designed for a K-Type thermocouple wire.
136-8066	410-287	Pmod TMP3 Ambient Temperature Sensor	The Pmod TMP3 is an ambient temperature sensor based on the Microchip TCN75A device.
136-8061	410-135	Pmod TPH2 12-pin Test Point Header	The Pmod TPH2 provides a 12-pin header for monitoring the signals passing between a host and a peripheral module.
134-6453	410-212	Pmod USBUART USB-UART Bridge	The Pmod USBUART provides a seamless bi-directional link between a USB bus and a UART serial bus. It is based on the FT232RQ Bridge device.
134-6452	410-194	Pmod WiFi IEEE 802.11g WiFi	The Pmod WiFi provides wireless communication through a Microchip MRF24WG0MA Wi-Fi™ radio transceiver module.