

What are the radio frequency optical modules available in Pakistan



AI Overview

Pakistan offers a variety of RF modules including 433 MHz transceivers, LoRa SX1278 modules, and WiFi/Bluetooth integrated modules suitable for IoT, smart home, and industrial applications. Popular RF Modules in Pakistan

SX1278 LoRa Module (433 MHz) Long-range wireless transmission up to 10 km using LoRa™ spread spectrum technology. High sensitivity of -148 dBm and power output of +20 dBm. Low power consumption with air wake-up functionality. Ideal for smart home, IoT, meter reading, and DIY wireless projects.

433 MHz RF Transmitter and Receiver Modules Widely used for remote control, telemetry, industrial control, and wireless security alarms. Available in 315 MHz and 433.92 MHz variants. Require a 1/4 wavelength antenna (~17 cm for 433 MHz) for optimal performance.

WiFi and Bluetooth Integrated Modules ESP8266 (ESP-01, ESP-12E) and ESP32 (WROOM-32, WROOM-32U) boards with WiFi/Bluetooth dual-core capabilities. Suitable for smart home automation, remote control, and IoT applications. Some modules include relay control and RGB LED integration for interactive projects.

Other RF Modules NRF905 wireless transceiver for 433 MHz ISM band. HM-10 CC2541 Bluetooth 4.0 BLE to UART transceiver. USB WiFi adapters like W12 RTL8188EUS for wireless connectivity.

Where to Buy Daraz.pk offers a wide variety of RF modules with competitive pricing and delivery across Pakistan. Electrobes.com and Circuithub.pk provide specialized modules like SX1278 LoRa for long-range communication. EVE-eVision Electronics and InStock.pk stock general-purpose RF transceivers and development boards suitable for hobbyists and industrial use. These modules cover a broad range of applications from short-range remote control to long-range IoT communication, making them accessible for both DIY enthusiasts and professional projects in Pakistan...

Article Content

Optical Modulator Modules Buyers & Importers in Pakistan

Connect 250 Active Optical Modulator Modules Buyers in Pakistan based on import shipments till Feb-25 with details of Contact numbers, Qty, Current Pricing & Suppliers.

Rf Communication Modules in Pakistan

Pakistan Rf Communication Modules Directory provides list of Made in Pakistan Rf Communication Modules Products supplied by reliable Pakistan Rf Communication Modules Manufacturers, Traders

SX1278 LoRa Module 433MHz Transmission Module in Pakistan

The RF receiver modules are widely used for data receiving and signal control. They are specified as preferred components in remote control garage, roller curtain, door locks, remote sensing, telemetry,

Buy NRF24L01+PA+LNA Wireless Module | Best Price in Pakistan

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Pakistan Table of Frequency Allocations

Pakistan Table of Frequency Allocations has been prepared in accordance with the ITU Radio Regulations. The objective of this table is to meet the competing and conflicting demands of all of the

Frequency allocations to the amateur radio bands in Pakistan

Frequency allocations to the amateur radio bands in Pakistan according to the Frequency Allocation Board, in the Pakistan Table of Frequency Allocations. For information on

PTA Approval for RF Modules: Pakistan Compliance Guide

PTA type approval for RF wireless modules in Pakistan. Modular vs host integration rules, test reports, and compliance guidelines.

Microsoft Word

Radio Inquiry Unit - Featured Source 1E This chart represents a graphic single-point-in-time portrayal of the Table of Frequency Allocations used in Pakistan. The Pakistan Table of Frequency Allocations is

Pakistan Table of Frequency Allocations Frequency Range

PREFACE Radio frequency spectrum is the range of electromagnetic waves over which radio waves can be radiated and is depicted by a tabulation of uses of radio waves arranged in ascending frequency

RF optical modules and chips | Weyland

1. Overview RF optical modules (Radio Frequency Optical Modules) are fundamental devices that bridge radio frequency (RF) signals and optical signals. They are widely used in: 5G/6G

Pakistan allowed Frequency bands and power limits for

Pakistan Telecommunication Authority (PTA) has issued latest SRD and IOT Regulatory Framework with clearly defined frequency bands and output

Communication Engineering Lab

Communication Engineering Lab Ongoing Projects: Frequency Modulated Continuous Wave Radar (FMCW) for Agriculture. Internet of Thing RF based Indoor Positioning System. Flight Controller

Pakistan Radio Frequency Components Market | Trends 2032

The Pakistan Radio Frequency Components Market is experiencing growth driven by the increasing demand for wireless communication technologies, IoT devices, and the deployment of 5G networks.

RF Over Fiber Modules

RF-over-fiber modules transport RF signals over optical links to reduce coax loss and extend distance, using linearized transmit/receive optical chains. They are specified by RF bandwidth, dynamic range,

Huawei 10G-1310nm-10km-SM-SFP+ SFP-10G-LRV

The Huawei 10G-1310nm-10km-SM-SFP+ (SFP-10G-LRV) Optical Transceiver is a single-mode module designed to enable high-performance optical data

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical modules typically have an electrical interface on the side that

RF & Wireless Modules in Pakistan

Buy RF and wireless modules in Pakistan. nRF24L01, LoRa SX1278, HC-05, SIM800L GSM at best price for IoT projects. Fast delivery. Shop now!

OPTICAL TRANSCEIVER MODULES in Pakistan | Solution Net Link

GLC-LH-SM-D GLC-LH-SMD 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, View More Product Code: Category: SINGLE MODE DUPLEX SFP Brand: OPTI-CODE Availability: In

RF & Wireless Modules in Pakistan

Embeded Studio stocks all popular RF and wireless modules. Get the best RF module price in Pakistan with fast delivery to all cities and technical support for your wireless projects.

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Pakistan Table of Frequency Allocations Frequency

Radio frequency spectrum, which is naturally available, is a scarce national resource susceptible to harmful interference and international in character since radio waves cannot be confined to national

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Pakistan Table of Frequency Allocations (9 Khz - 1000

Pakistan Table of Frequency Allocations has been prepared in accordance with the ITU Radio Regulations-Article 5. The objective of this table is to meet the

We are Nokia | Nokia

NZDF Optic Fiber We invent a new type of optical fiber, Non-Zero Dispersion Fiber (NZDF), that becomes widely deployed in intercontinental and long-haul

SFP Fiber Optical Transceiver 10G+LR Modules LC in

Cisco SFP-10G-LR-S Compatible 10GBASE-LR SMF 1310nm 10km SFP+ Optical Transceiver Module Optcore's OSP10G-3110DCR-CSC is a high performance

433MHZ FS1000A RF WIRELESS TX & RX MODULE

433MHZ FS1000A RF Wireless Transmitter and Receiver Module This is FS1000A 433mHz Tx RF Radio Module. This RF module comprises an RF Transmitter

Buy 433MHz RF Lora Module SX1278

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