

NST nRF51822 BLE/2.4G Module (KNRF51822 A24)



Description

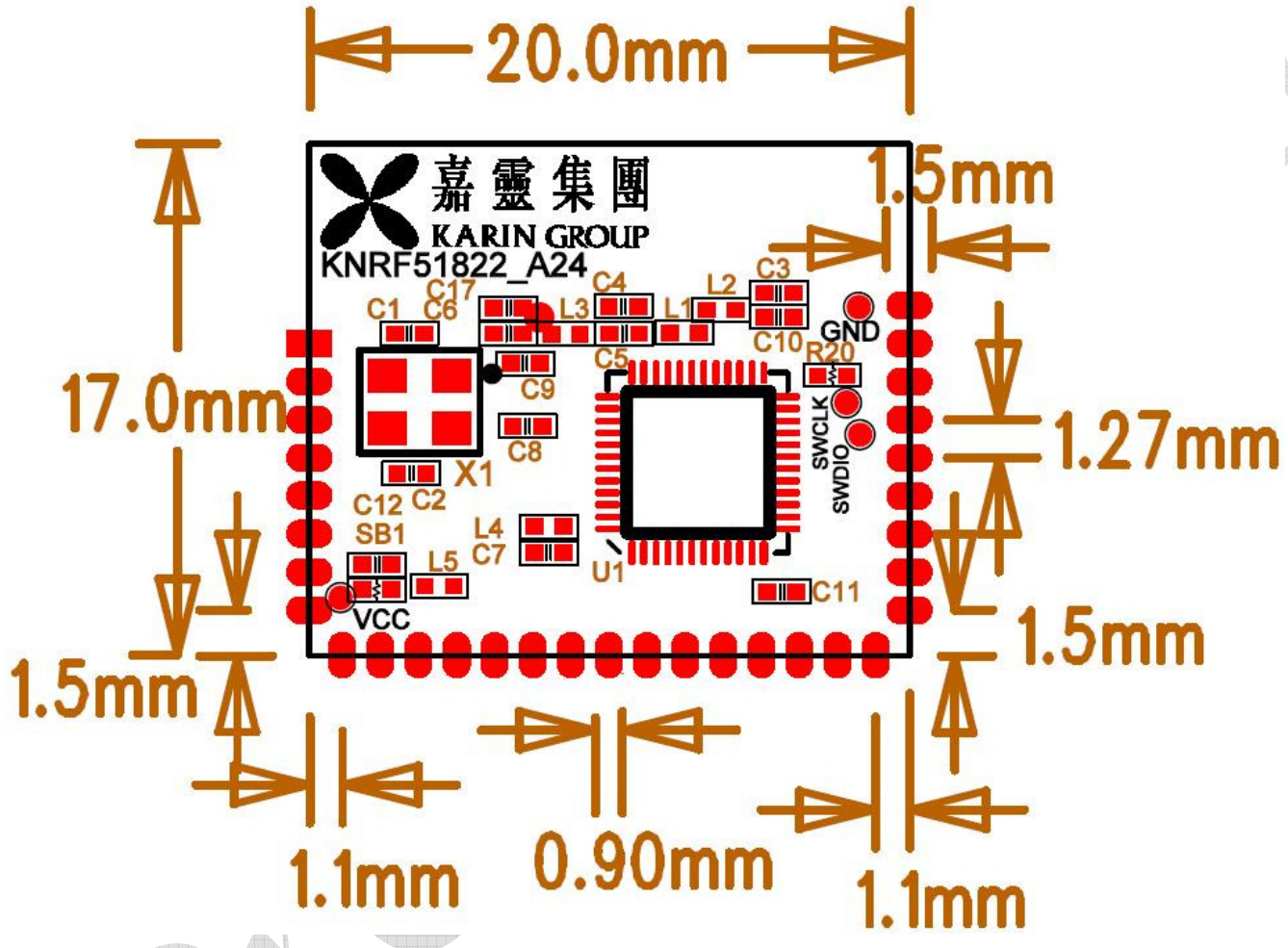
- BLE / 2.4GHz Multi-Protocol Device
- 32-bit ARM Cortex M0 CPU Core
- 256/128KB Flash, 16KB RAM
- Supports S110/120/130 Bluetooth Low Energy Protocol Stack
- On Air Compatible with nRF24L series
- 3 Data Rates (2Mbps/1Mbps/250Kbps)
- +4 to -20dBm Output Power
- -93 dBm Sensitivity, BLE
- Configurable I/O mapping for Analog and Digital I/O
- Event Driven API
- PPI System

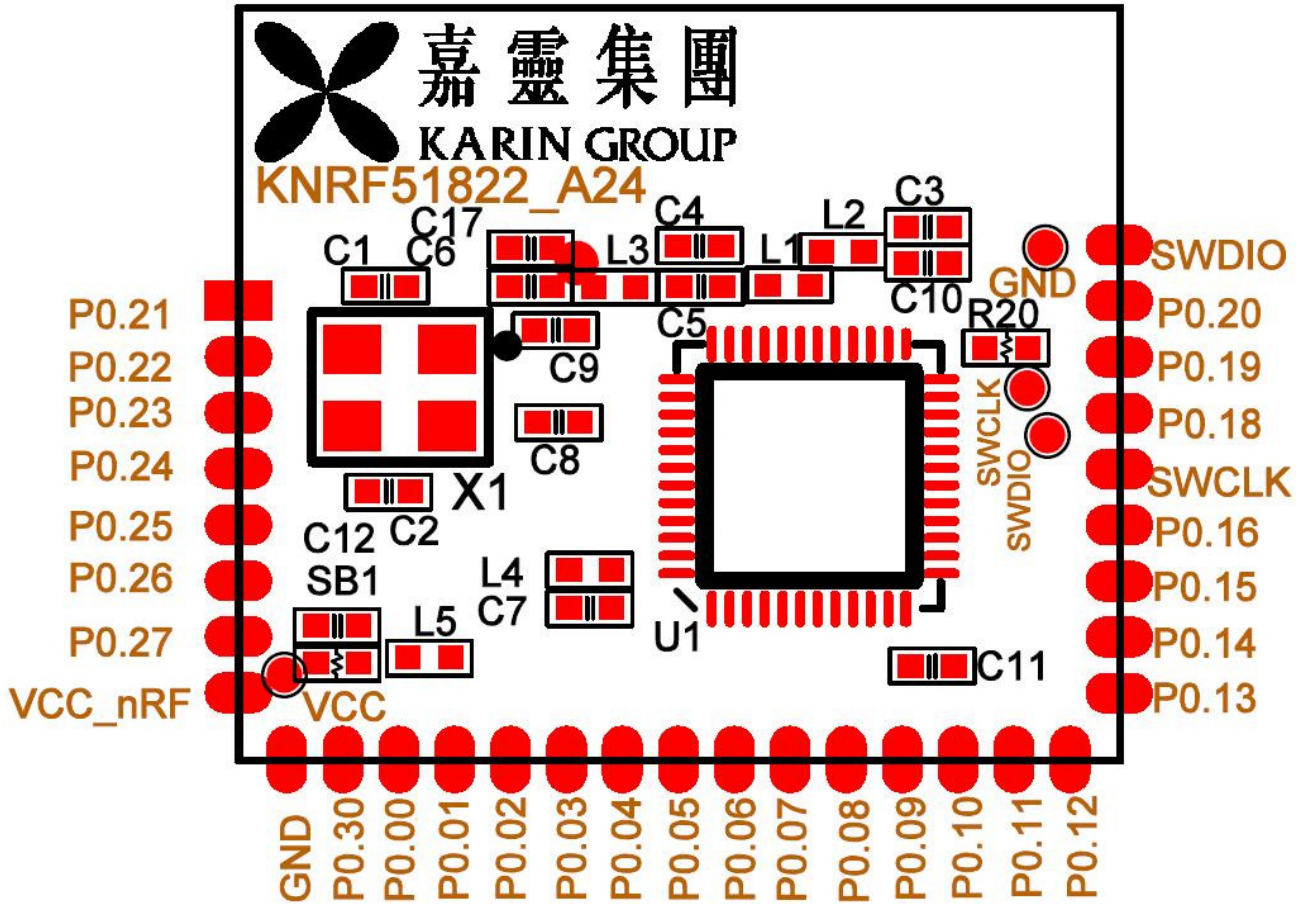
Application

- Mobile Phone Accessories
- PC Peripherals
- Consumer Electronic Remote Control
- Proximity / Alert / Sport / Fitness / Healthcare Sensors
- Toys and Electronic Games

Module Information

Part No.	Description
KNRF51822_A24	Core IC Nordic : nRF51822





Technical Specifications

新靈集團
NST

Parameters	
Supply voltage	1.8~3.6V DC
Current consumption	13mA typ
PCB Size	20mm x 17mm
Operating temperature	-25 to + 75 °C
Frequency range	2400 – 2483.5 MHz
Tx power	+4 to -20 dBm
Rx sensitivity	-93 dBm typ
Antenna	PCB Antenna

This product specification contains final product specifications. We reserve the right to make changes at any time without notice in order to improve design and supply the best possible product.