



Bluetooth Low Energy & IEEE 802.15.4 Combo Module



AN54LV Series

Item	AN54LV-15	AN54LV-P15	AN54LV-U15	AN54LV-K15
Picture				
Solution	 NORDIC SEMICONDUCTOR nRF54L15			
Size (mm)	6.4 x 8.4 x 1.5	6.4 x 8.4 x 1.5	6.4 x 8.4 x 1.5	5.9 x 6.4 x 1.5
Antenna	Chip	PCB	u.FL Connector for External Antenna	Antenna Pin
Line-of-sight Distance	125Kbps: Over 1000 Meters 1Mbps: Over 500 Meters 2Mbps: Over 300 Meters			
RAM	256K			
Flash Memory	1.5M			
GPIO	32			
Bluetooth Specification	BT6.0			
Other Features	   Matter amazon sidewalk			
FCC (USA)	*SH6AN54LV	*SH6AN54LV	*SH6AN54LV	*SH6AN54LV
IC (Canada)	*8017A-AN54LV	*8017A-AN54LV	*8017A-AN54LV	*8017A-AN54LV
CE (EU)	CE RED Directive Compliant			
RCM (Australia & New Zealand)	RCM Compliant			
Telec (Japan)	Available in Q4 2025			
KC (Korea)	*R-R-ryt-AN54LV	*R-R-ryt-AN54LV	*R-R-ryt-AN54LV	*R-R-ryt-AN54LV
SRRC (China)	Available in Q4 2025			
NCC (Taiwan)	Available in Q4 2025			
WPC (India)	Available in Q4 2025			
Interface	QSPI & I2C & SPI & UART & I2S & PDM & PWM & NFC & ADC			
Package	Anti-Static SMT Tray/160pcs; Tape & Reel/1,760pcs			
Remark	*** Module Approval Compliant			

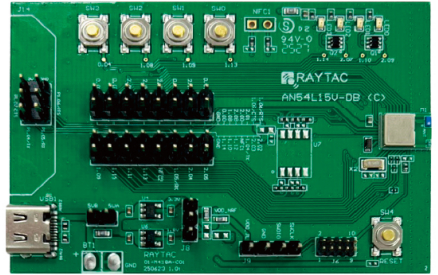
Module Demo Board

nRF54L15

AN54LV-DB-15



Matter amazon
sidewalk



Module Demo Board built by AN54LV-15

- Nordic nRF54L15 SoC Solution
- BT6.0 Bluetooth Specification Certified
- BT6.0 Channel Sounding Support
- Powered by USB Type-C
- IDC (SWD) Cable Included.

AN54LV-DB-15 Schematic

