

<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_MPU_COMPATIBLE (Special Memory Management) Disabled LWIP_TCPIP_CORE_LOCKING (TCPIP Core Locking) Disabled LWIP_TCPIP_CORE_LOCKING_INPUT (TCPIP Core Locking Input) Disabled SYS_LIGHTWEIGHT_PROT (Memory Functions Protection) Enabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> MEM_LIBC_MALLOC (User Memory Library) Disabled MEMP_MEM_MALLOC (User Memory Pool Functions) Disabled MEMP_MEM_INIT (Memory Pool Memset Initialization) Disabled MEM_ALIGNMENT (Memory Byte Alignment of CPU) 4 Byte(s) MEM_SIZE (Heap Memory Size) 65536 Byte(s) MEMP_OVERFLOW_CHECK (Memory Pool Overflow Protection) 0 MEMP_SANITY_CHECK (Memory Pool Sanity Check) Disabled MEM_OVERFLOW_CHECK (Memory Overflow Check) 0 MEM_SANITY_CHECK (Memory Sanity Check) Disabled MEM_USE_POOLS (Use an Alternative to malloc Function) Disabled MEM_USE_POOLS_TRY_BIGGER_POOL (Try Next Bigger Pool if Empty Ma... Disabled MEMP_USE_CUSTOM_POOLS (Define Additional Pools) Disabled LWIP_ALLOW_MEM_FREE_FROM_OTHER_CONTEXT (Allow Memory Free ... Disabled LWIP_RAM_HEAP_POINTER (RAM Heap Pointer) 0x30020000 ETH_RX_BUFFER_CNT 16
<ul style="list-style-type: none"> <ul style="list-style-type: none"> MEMP_NUM_PBUF (Number of Memory Pool struct Pbufs) 16 MEMP_NUM_RAW_PCB (Number of Raw Protocol Control Blocks) 4 MEMP_NUM_TCP_PCB_LISTEN (Number of Listening TCP Connections) 8 MEMP_NUM_TCP_SEG (Number of TCP Segments simultaneously queued) 32 MEMP_NUM_REASSDATA (Number of IP packets simultaneously queue... 5 MEMP_NUM_FRAG_PBUF (Number of IP Fragments simultaneously sent) 15 MEMP_NUM_ARP_QUEUE (Number of simulateously queued Pbufs waiti... 30 MEMP_NUM_IGMP_GROUP (Number of Multicast Groups) 8 MEMP_NUM_SYS_TIMEOUT (Number of Timeouts simultateously active) 4 MEMP_NUM_NETBUF (Number of Netbufs Structures) 2 MEMP_NUM_NETCONN (Number of Netconns Structures) 16 MEMP_NUM_TCPIP_MSG_API (Number of TCPIP Message Structures Use... 8 MEMP_NUM_SELECT_CB (Number of lwip_select_cb Structures) 4 MEMP_NUM_TCPIP_MSG_INPKT (Number of TCPIP Message Structures ... 8 MEMP_NUM_NETDB (Number of Concurrent lwip_addrinfo() Calls) 1 MEMP_NUM_LOCALHOSTLIST (Number of Host Entries in the Local Ho... 1 MEMP_NUM_API_MSG (Number of Concurrent Active API Calls) 8 MEMP_NUM_DNS_API_MSG (Number of Concurrent Active DNS Calls) 8 MEMP_NUM_SOCKET_SETGETSOCKOPT_DATA (Number of Concurrent ... 8 MEMP_NUM_NETIFAPI_MSG (Number of Concurrent Active Netif Calls) 8
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_SUPPORT_CUSTOM_PBUF (Custom Pbuf) Enabled PBUF_POOL_SIZE (Number of Buffers in the Pbuf Pool) 32 PBUF_LINK_HLEN (Number of Bytes for Link Level Header) 14 Byte(s) PBUF_LINK_ENCAPSULATION_HLEN (Number of Bytes for Link Encapsu... 0 Byte(s) PBUF_POOL_BUFSIZE (Size of each pbuf in the pbuf pool) 1536 Byte(s)

<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_IPV4 (Enable IPv4) Enabled IP_FORWARD (Forward IP Packets Across Network Interfaces) Disabled IP_OPTIONS_ALLOWED (IP Options Allowed) Enabled IP_REASSEMBLY (Incoming Fragmented IP packets Reassembly) Enabled IP_FRAG (IP Packets Fragmentation) Enabled IP_REASS_MAXAGE (IP Packets Fragmentation if Size exceeds MTU) 15 Second(s) IP_REASS_MAX_PBUFS (Maximum of Pbufs waiting to Be Reassembled) 10 IP_DEFAULT_TTL (Time-To-Live Used by Transport Layers) 255 Node(s) IP_SOF_BROADCAST (Broadcast Filter per Pcb on UDP and Raw Send Op... Disabled IP_SOF_BROADCAST_RECV (Broadcast Filter on recv Operations) Disabled IP_FORWARD_ALLOW_TX_ON_RX_NETIF (IP Forward to send Packets ba... Disabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> ICMP_TTL (Time-To-Live Used by ICMP Packets) 255 Node(s) LWIP_BROADCAST_PING (Respond to Broadcast Pings) Disabled LWIP_MULTICAST_PING (Respond to Multicast Pings) Disabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_MULTICAST_TX_OPTIONS (Multicast TX Support) Enabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_RAW (Use Raw LwIP API) Disabled RAW_TTL (Time-To-Live Used by Raw Packets) 255 Node(s)
<ul style="list-style-type: none"> <ul style="list-style-type: none"> DHCP_DOES_ARP_CHECK (ARP Check on Offered Address) Disabled LWIP_DHCP_BOOTP_FILE (DHCP using Boot File) Disabled LWIP_DHCP_GET_NTP_SRV (DHCP with NTP Server Request) Disabled LWIP_DHCP_MAX_NTP_SERVERS (Maximum Number of NTP Servers Req... 1 LWIP_DHCP_MAX_DNS_SERVERS (Maximum Number of DNS Servers Re... 2
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_AUTOIP (AUTOIP Module) Disabled LWIP_DHCP_AUTOIP_COOP (DHCP/AUTOIP Cooperation Mode) Disabled LWIP_DHCP_AUTOIP_COOP_TRIES (DHCP AUTOIP Coop Tries) 9
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_MIB2_CALLBACKS (MIB2 Callbacks Support) Disabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> DNS_TABLE_SIZE (DNS Maximum Number of Entries) 4 DNS_MAX_NAME_LENGTH (DNS Maximum Host Name Length) 256 Byte(s) DNS_MAX_SERVERS (Maximum Number of DNS Servers) 2 DNS_MAX_RETRIES (Maximum Number of DNS Retries) 4 DNS_DOES_NAME_CHECK (DNS Name Checking) Enabled LWIP_DNS_SECURE (DNS Security Level Control) 7 DNS_LOCAL_HOSTLIST (DNS Local host-to-address List Implementati... Disabled DNS_LOCAL_HOSTLIST_IS_DYNAMIC (Dynamic DNS Local host-to-ad... Disabled LWIP_DNS_SUPPORT_MDNS_QUERIES (Use Multicast DNS Query) Disabled
<ul style="list-style-type: none"> <ul style="list-style-type: none"> LWIP_UDPLITE (UDP-Lite Module) Disabled UDP_TTL (Number of Time-To-Live Used by UDP Packets) 255 Node(s) LWIP_NETBUF_RECVINFO (Append Destination and Port Addresses to e... Disabled

↳ Callback - TCP Options	
TCP_TTL (Number of Time-To-Live Used by TCP Packets)	255 Node(s)
TCP_WND (TCP Receive Window Maximum Size)	16384 Byte(s)
TCP_MAXRTX (Maximum Number of Retransmissions of Data Segments)	12
TCP_SYNMAXRTX (Maximum Number of Retransmissions of SYN Segm...	6
TCP_QUEUE_OOSEQ (Allow Out-Of-Order Incoming Packets)	Enabled
LWIP_TCP_SACK_OUT (Allow Sending Selective Acknowledgements)	Disabled
LWIP_TCP_MAX_SACK_NUM (Maximum Number of Sending Selective A...	4
TCP_MSS (Maximum Segment Size)	1460 Byte(s)
TCP_CALCULATE_EFF_SEND_MSS (Checks TCP_MSS against NETIF MTU...	Enabled
TCP_SND_BUF (TCP Sender Buffer Space)	8192 Byte(s)
TCP_SND_QUEUELEN (Number of Packet Buffers Allowed for TCP Sender)	16 Byte(s)
TCP_SNDLOWAT (TCP Writable Space)	4096 Byte(s)
TCP_SNDQUEUELOWAT (TCP Writable Buffers)	8 Byte(s)
TCP_OOSEQ_MAX_BYTES (Maximum Number of Bytes Queued on oose...	0 Byte(s)
TCP_OOSEQ_BYTES_LIMIT(pcb) (Maximum Number of Bytes Queued to ...	0
TCP_OOSEQ_MAX_PBUFS (Maximum Number of Pbufs Queued on oose...	0
TCP_OOSEQ_PBUFS_LIMIT(pcb) (Maximum Number of Pbufs Queued to ...	0
TCP_LISTEN_BACKLOG (Backlog for TCP Listen Pcb)	Enabled
TCP_DEFAULT_LISTEN_BACKLOG (Maximum Allowed Backlog for TCP L...	255 Byte(s)
TCP_OVERSIZE (Maximum Number of Bytes that tcp_write)	TCP_MSS Bytes
LWIP_TCP_TIMESTAMPS (TCP limestamp)	Disabled
TCP_WND_UPDATE_THRESHOLD (TCP Window Update Threshold)	4096 Byte(s)
LWIP_EVENT_API (LwIP Event API)	Disabled
LWIP_CALLBACK_API (LwIP CallBack API)	Enabled
LWIP_WND_SCALE (Window Scaling Support)	Disabled
TCP_RCV_SCALE (Receive Scaling Factor Support)	0
LWIP_TCP_PCB_NUM_EXT_ARGS (Number of Additional Argument Entri...	Disabled
LWIP_ALTCP (Abstraction Layer TCP API (ALTCP))	Disabled
LWIP_ALTCP_TLS (TLS support for ALTCP API.)	Disabled

↳ Network Interfaces Options	
LWIP_SINGLE_NETIF (Single NETIF)	Disabled
LWIP_NETIF_HOSTNAME (NETIF Hostname)	Enabled
LWIP_NETIF_HOSTNAME_NAME (LWIP_NETIF_HOSTNAME_NAME (LWIP ...	stm32_lwip
LWIP_NETIF_API (Network Interfaces API)	Disabled
LWIP_NETIF_STATUS_CALLBACK (Callback Function on Interface Status...	Enabled
LWIP_NETIF_EXT_STATUS_CALLBACK (Extended Callback Function for ...	Enabled
LWIP_NETIF_LINK_CALLBACK (Callback Function on Interface Link Cha...	Enabled
LWIP_NETIF_REMOVE_CALLBACK (Callback Function on Interface Remo...	Disabled
LWIP_NETIF_HWADDRHINT (Cache Link-layer-address Hints)	Disabled
LWIP_NETIF_TX_SINGLE_PBUF (Put Data into One Single Pbuf)	Disabled
LWIP_NUM_NETIF_CLIENT_DATA (Cache Link-layer-address Hints)	0

↳ NETIF - Loopback Interface Options	
LWIP_HAVE_LOOPIF (Loop Interface)	Disabled
LWIP_LOOPIF_MULTICAST (Multicast/IGMP on Loop Interface)	Enabled
LWIP_NETIF_LOOPBACK (NETIF Loopback)	Disabled
LWIP_LOOPBACK_MAX_PBUFS (Maximum Number of Pbufs for Loopbac...	0
LWIP_NETIF_LOOPBACK_MULTITHREADING (Multi-threading)	Enabled

