



# ITxPT Module Labeling Report

REPORT ID	20231130-0154
DATE	03/05/2024
COMPANY	Tongda
TESTER	ITxPT laboratory manager
SPECIFICATION	S01 - S02P00 to S02P09 (Sequoia Release)
TOOLS USED FOR THE TEST	ITxPT Laboratory



## Module configuration tested by ITxPT laboratory

Manufacturer	Model	Hardware version	Software version	Unique Identifier
Tongda	tdd56	Rockchip RK3568 EVB1 DDR4 V10 Board	1.0.0	td-FCDD86E5EAC93C7A

## Other module configurations included in the label as declared by IT supplier

Manufacturer	Model	Hardware version	Software version
N/A	N/A	N/A	N/A

## Hardware interfaces

Interface name	Provided status	Implementation level
Power supply	✓	Permanent, Ignition, Main switch, Full power, SLEEP management
Ethernet	✓	Native or cable end, number and type of port
FMS	N/A	Optional ground
Wireless communications	N/A	GSM, GPS, WLAN
Audio	N/A	Stereo, mono, Driver, Passenger, External
Auxiliary	N/A	Low battery, Odometer, Doors, AnyDoorOpen, Awake request, Stop request, Full power

## Implemented services

Service	Operation	Provided status	Provided type	Consumed status	Consumed type	
Module Inventory		✓	ibxpt_socket or ibxpt_http	N/A	ibxpt_socket and/or ibxpt_http	
Time		N/A	sntp	✓	sntp	
GNSS Location		N/A	ibxpt_multicast	✓	ibxpt_multicast	
FMS ID	Provision	N/A	ibxpt_multicast	N/A	ibxpt_multicast	
	Configuration	N/A	ibxpt_http	N/A	ibxpt_http	
VEHICLEtoIP		N/A	ibxpt_multicast	N/A	ibxpt_multicast	
AVMS	Run Monitoring	N/A		✓		
	Planned Pattern	N/A		✓		
	Pattern Monitoring	N/A		✓		
	Vehicle Monitoring	N/A	ibxpt_http	✓	ibxpt_http	
	Journey Monitoring	N/A		✓		
	General Message	N/A		✓		
APC	Connection Monitoring	N/A		✓		
	Passenger door count	N/A	ibxpt_http	✓	ibxpt_http	
MADT	Passenger vehicle count	N/A		✓	ibxpt_http	
	MADT information	N/A		N/A		
	Play a sound	N/A		N/A		
	Read settings	N/A		N/A		
	Write settings	N/A		N/A		
	Stop the MADT Service	N/A		N/A		
	Restart the MADT Service	N/A		N/A		
	Retrieve MTS characteristics	N/A		N/A		
	Create a Web tab	N/A		N/A		
	Create a VNC tab	N/A		N/A		
	Create a shortcut	N/A	ibxpt_socket	N/A	N/A	ibxpt_socket
	Navigate to given URI	N/A		N/A		
	Blink a tab	N/A		N/A		
	Activate a tab	N/A		N/A		
	Remove a tab	N/A		N/A		
	Remove a shortcut	N/A		N/A		
I am alive	N/A		N/A			
Get tabs mapping	N/A		N/A			
Get shortcuts	N/A		N/A			
MQTT		N/A	mqtt	N/A	mqtt	

### COMMENT

Module manufacturer commits that all mandatory tests compliant for the module configuration tested are the same implemented in all module configurations declared as included in the label. Module manufacturer shall declare any change impacting the result of one or several tests for each module configuration using the "declaration of change" file available on ITxPT documentation center.



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