



EU-Type Examination Certificate

with respect to the presumption of
Compliance of a product with the essential requirements of

RE DIRECTIVE 2014/53/EU

Certificate Number	RE-17092202
Certificate Holder	Shanghai MXCHIP Information Technology Co., Ltd
Address	9 th Floor, No.5, Lane 2145, JinshaJiang Road, Putuo District, ShangHai (200333)
Manufacturer	Shanghai MXCHIP Information Technology Co., Ltd
Address	9 th Floor, No.5, Lane 2145, JinshaJiang Road, Putuo District, ShangHai (200333)
Product Type/Description	Embedded WiFi module
Trade Name	MXCHIP
Model Number	EMW3166, EMW3166-P, EMW3166-E
Product Identification Element	EMW3166

Applied / Complied Harmonized Standards		Complied
RE Directive 2014/53/EU, Article 3(1)(a) ■ Safety	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013	Y
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health	EN 62311:2008	Y
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	EN 301 489-1 V2.1.1 EN 301 489-17 V3.1.1	Y
RE Directive 2014/53/EU, Article 3(2) ■ Radio	EN 300 328 V2.1.1	Y

Authorized By: 

Leslie Bai, Director of Certification

Issue Date: September 22, 2017

Expiry Date: September 21, 2022

PS: This Certificate is Issued in Accordance with Annex III of the RE Directive 2014/53/EU and is only valid in Conjunction with the Following Annex I.

775 Montague Expressway, Milpitas, CA 95035, USA

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Website: www.siemmic.com, Email: info@siemmic.com

Annex I of RED EU-TYPE Examination Certificate

Certificate Number: RE-17092202

Product Specifications	
Frequency Range	2412-2472 MHz
RF Output Power (EIRP)	11b: 17.1 dBm, 11g: 13.9 dBm, 11n20: 12.9 dBm
Type of Antenna	PCB antenna: 2 dBi IPEX antenna: 2 dBi
Modulation	DSSS, OFDM
Mode of Operation (Simplex / Duplex)	Duplex
Duty Cycle	-
Comments	-

Technical Documentation Identification

Test Report	
RE Directive 2014/53/EU, Article 3(1)(a) ■ Health & Safety	17021153-CE-S, 17021153-CE-H1
RE Directive 2014/53/EU, Article 3(1)(b) ■ EMC	17021153-CE-E1
RE Directive 2014/53/EU, Article 3(2) ■ Radio	17021153-CE-R1
User Manual	☒
Product Label	☒
Block Diagram	☒
Circuit Diagram	☒
BOM	☒
Declaration of Conformity	☒
PCB layout	☒
Operation description	☒
Risk Assessment	☒
EUT photo	☒
Declaration letter of operating in one member state	☒

Based on the evidence presented, our certificate in accordance with Annex III of Council Directive 2014/53/EU on Radio Equipment Directive and the mutual recognition of their conformity is that the apparatus identified above complies with the requirements of that Directive stated above.

Note: Compliance with the above Directive does not guarantee the right to use the above mentioned equipment in any EU member state.
No configuration, other than described above, has been considered and is therefore not included in this certificate.

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Please check the validation of this certificate at http://certdatabase.siemec.com/siemec_db/public/certverification.asp