

Unique Device Identification for China

Features and services offered by ZIIOT with the MA Code

- Advantages of the MA-Code for China
- Services of ZIIOT



Features and services offered by the MA Code

Special Advantages of MA-Code

- Accredited for UDI in CHINA by NMPA
- Capacity for alphanumeric product numbers of variable length up to 18 ch.
- Product numbers compatible to HIBC for easy conversion from HIBC to MA
- Keyboard compatible character set

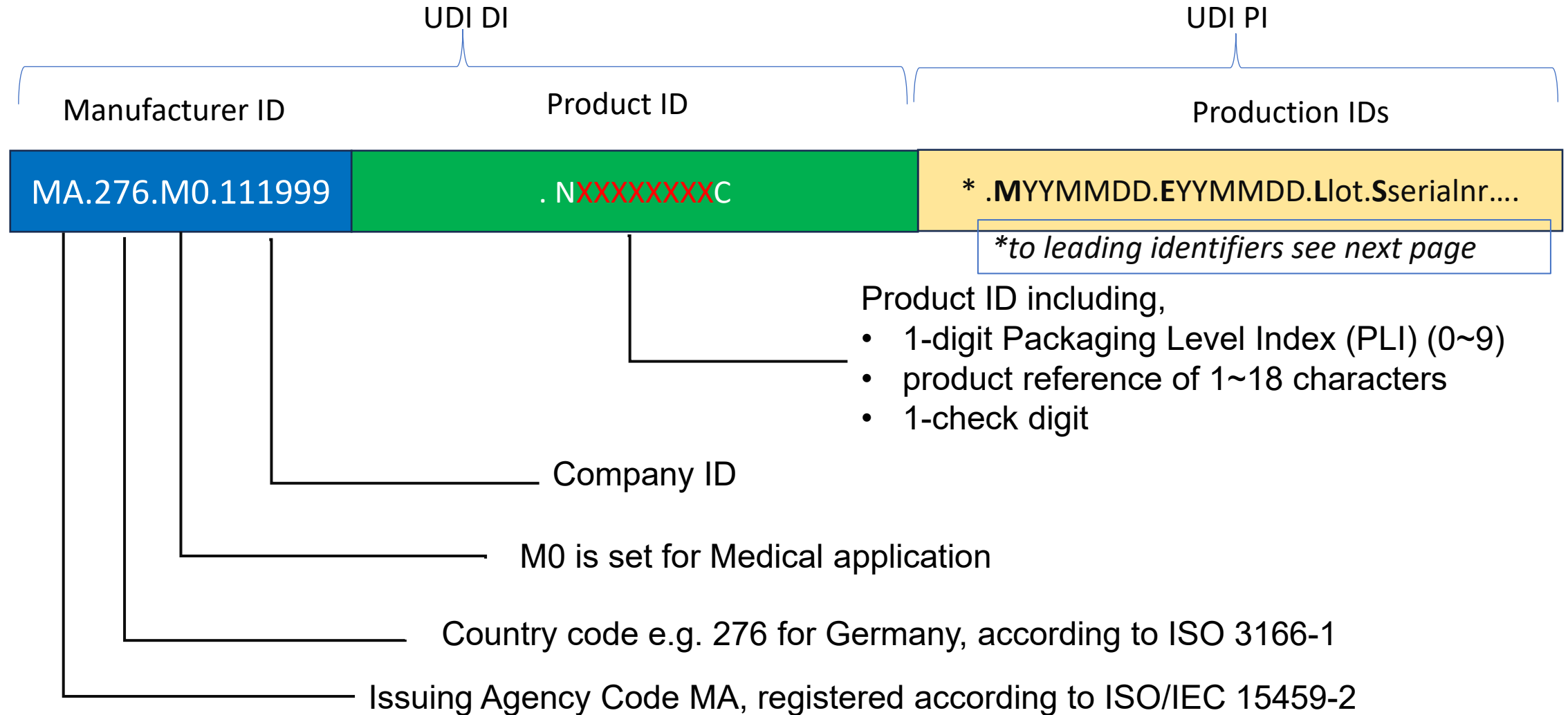


Recommended data carrier for China

- ISO/IEC 18004 QR-Code



The format of an MA UDI Code



For details see: MA UDI Coding Rules China

Production ID (UDI PI) in the MA UDI

UDI Production ID (UDI-PI) consists of several nodes. Each node begins with a MA code specific data identifier followed by the specific data value.

MA Data Identifier	Name	Data type	Data format	Note
.M	Production date	Date	YYMMDD	<u>better to provide</u>
.E	Expiration date	Date	YYMMDD	if relevant
.L	Production Lot/Batch	String	an..20	if relevant
.S	Serial Number	string	an..20	if relevant

Source of chart: ZIIOT 2026-03-26

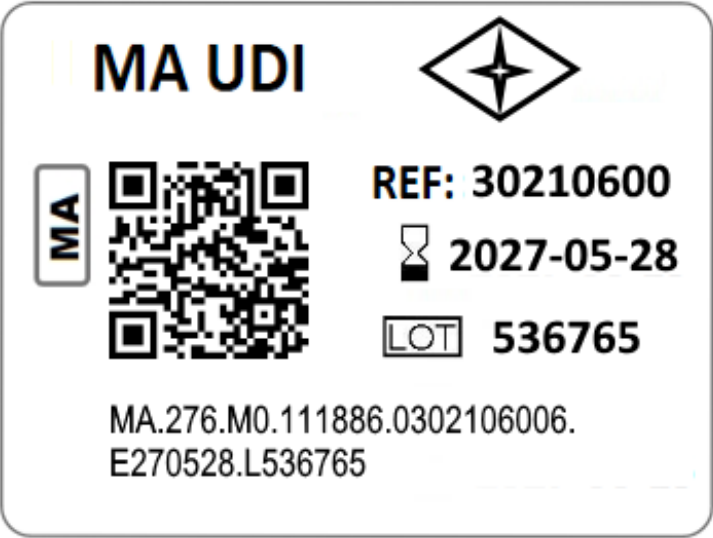
For details see: MA UDI Coding Rules China

ZIIOT services

Services		
Issuing manufacturing ID (example: 123456)	on request	€200 first year, then €100 p.y.
Account for the MA-Code platform	option	per agreement
Capacity for storage of UDI masterdata	option	
Capacity for storage of UDI production data (PIs)	option	
UDI data transfer from platform to NMPA data base	option	
Remote generation of UDI-Codes through platform	option	
UDI consulting	included	

Note: MA-Code platform today is in Chinese language ideal for data entry from an citizen in China (e.g. agent). English pages are in preparation for data entry even from outside China. The government driven NMPA data base will remain in Chinese language.

MA UDI label example

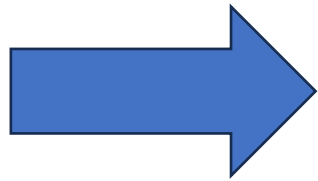


DI	Data format	Value
Product REF	text	302-106-00
Product ID	.n1an1...18n1	<u>0302106006</u>
Expiration date	YYMMDD	270528
Batch number	an1...18	536765
Production date	YYMMDD	better to provide

Scan data and verification:

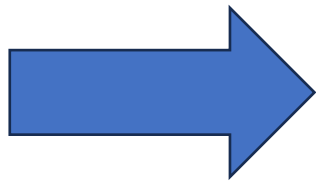
	ID	Data	Comment
			▼ Scan no. 1
Symbology:	JQ1	QR	Symbology type QR passed by reader
Raw data:		MA.276.M0.111886.0302106006.E270528.L536765	
Structure type:		ZIIOT	MA-Code/ZIIOT
Labeler:		MA.276.M0.111886.	Labeller ID Issuing Agency: ZIIOT
Packing index:		0	
Article:		30210600	
Check:		6	Check ok
Expiry date:	.E	270528	Interpreted data: 2027-05-28
Lot:	.L	536765	
			▼ Result of last scan
Resume:			MA UDI Code correct

Contacts



中关村工信二维码技术研究院

Zhongguancun Industry & Information Research Institute of Two-dimension Code Technology



EuroData Council

Heinrich.Oehlmann@e-d-c.info

Eurodata Council Institute e.V.

Kösener Str. 85, 06618 Naumburg, Germany

phone +493445781160, web: www.e-d-c.info