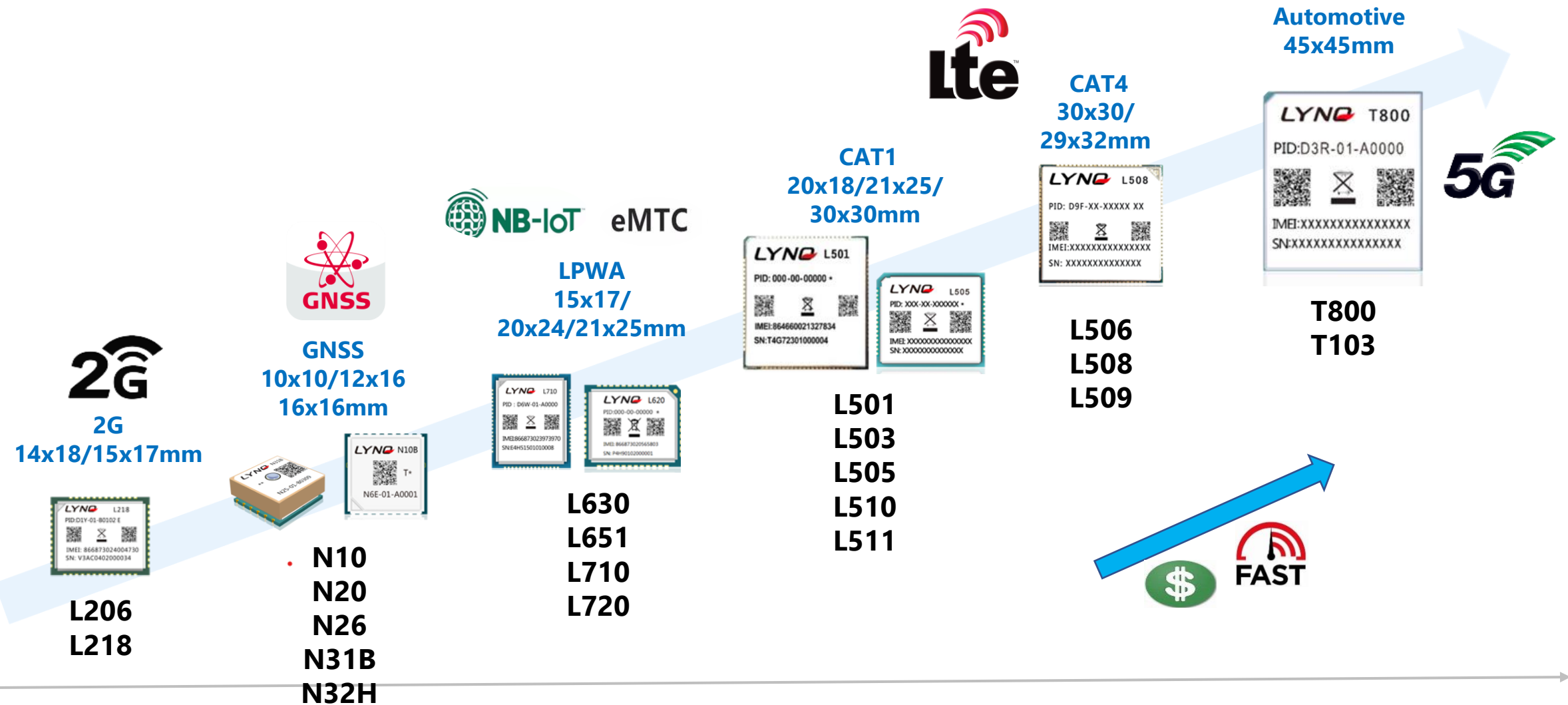




MobileTek Module Roadmap (2022.09)



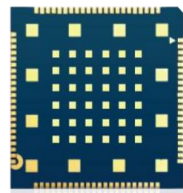
General Evolution Roadmap



CAT1 with 2G fallback

30x30mm

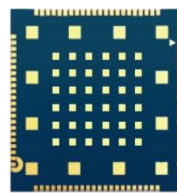
PCI-E available



L501E(N)-3



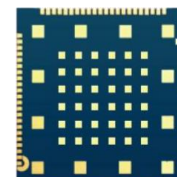
30x30mm
LTE DL/UL10/5Mbps
Band B1/3/5/7/8/20/28/38/40/41
GSM Dual Band
GNSS optional



L501ER(N)-3

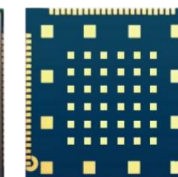


30x30mm
LTE DL/UL10/5Mbps
Band B1/3/7/8/20/28/**31**/38/40/41
GSM Dual Band
GNSS optional



L501C(N)-3

30x30mm
LTE DL/UL10/5Mbps
Band B1/3/5/8/34/38/39/40/41
GSM Dual Band
GNSS optional

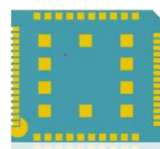


L501G(N)-3



30x30mm
LTE DL/UL10/5Mbps
Band B1/2/3/4/5/7/8/20/28/66/34/38/39/40/41
GSM Quad Band
GNSS optional

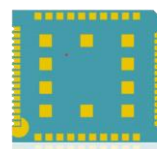
Small Size



L510E(N)-3



21.5x25mm
LTE DL/UL 10/5Mbps
FDD B1/3/7/8/20/28
GSM Dual Band
GNSS optional



L510C(N)-3

21.5x25mm
LTE DL/UL 10/5Mbps
FDD B1/3/5/8/40/41
GSM Dual Band
GNSS optional

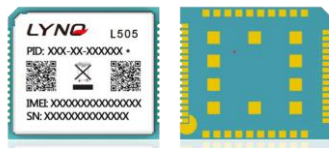
Oct, 22'

Mass Production

Developing

Planning

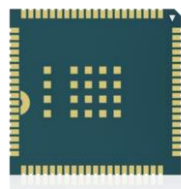
Own size



L505C-6C

20.8x18.8mm
LTE DL/UL 10/5Mbps
Band B1/3/5/8/38/39/40/41

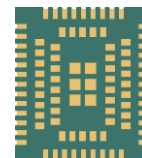
P2P



L503C(N)-6C

ASR1606 chipset
22.9x21.9mm
LTE DL/UL10/5Mbps
FDD B1/3/5/8/34/38/39/40/41
GNSS optional
Pin2pin with Quectel CAT1 EC600N/S

Oct, 22'



L511C (N)

ASR1606 chipset
15.8x17.7mm
LTE DL/UL 10/5Mbps
Band B1/3/5/8/40/41
GNSS optional
Pin2pin with Quectel CAT1 EC800 and 2G M25/M26

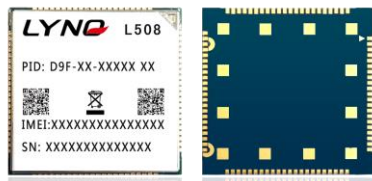
Mass Production

Developing

Planning

30x30mm

PCIE available



L508E

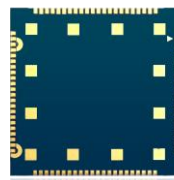
30x30mm
 LTE DL/UL150/50Mbps
 Band B1/3/5/7/8/20/28/38/40/41
 WCDMA B1/8
 GSM Dual Band



L508LA(N)

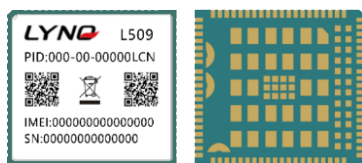
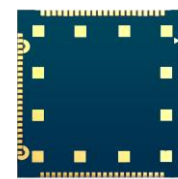
LATAM

30x30mm
 LTE DL/UL150/50Mbps
 Band B1/2/3/4/5/7/8/28/66/40
 WCDMA B1/2/4/5/8
 GSM Quad Band
 GNSS optional



L508C(N)

30x30mm
 LTE DL/UL150/50Mbps
 Band B1/3/5/8/34/38/39/40/41
 WCDMA B1/5/8
 GSM Dual Band
 GNSS optional



L509RC(N)

29x32mm
 LTE DL/UL150/50Mbps
 Band B1/3/5/8/34/38/39/40/41
 WCDMA: B1/5/8
 GSM Dual Band
 GNSS optional
 P2P with EC20/21/25



L509LEN

Nov, 22'

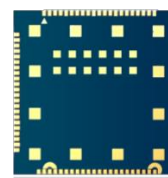


29x32mm
 LTE DL/UL150/50Mbps
 Band B1/3/5/7/8/20/28/38/40/41
 WCDMA B1/8
 GSM Dual Band
 GNSS
 Era-Glonass ready
 P2P with EC20/21/25



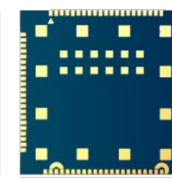
L506E

30x30mm
 LTE DL/UL150/50Mbps
 Band B1/3/7/8/20/38/39/40/41
 WCDMA B1/8
 GSM Dual Band
 GNSS optional
 Qualcomm 9X07 chipset



L506XCF

30x30mm
 LTE DL/UL150/50Mbps
 Band B1/3/5/8/38/39/40/41
 WCDMA B1/8
 GSM Dual Band
 GNSS optional
 Qualcomm 9x07 chipset



Mass Production

Developing

Planning

eMTC



L710G(N)

21.5x25mm
Qualcomm 9205
CATM1/NB1/NB2/GPRS
Band: 1/2/3/4/5/8/12/13/18/19/20/26/28
GSM Quad band
GNSS optional



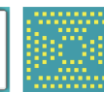
L710HG(N)

21.5x25mm
Qualcomm 9205
CATM1/NB1/NB2/GPRS
Band: 1/2/3/4/5/8/12/13/18/19/20/26/28
GSM Quad band
GNSS optional
RF Power Class 3



L710TK(N)

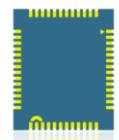
21.5x25mm
Qualcomm 9205
CATM1/NB1/NB2/GPRS
Band: 3/8/20/28/31/72
GSM Dual Band
GNSS optional



L720G

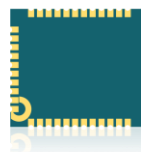
14.8x12.9mm
Qualcomm 9205
CATM1/NB1/NB2
Band: 1/2/3/4/5/8/12/13/18/19/20/
25/26/27/28/66
GNSS optional

NB-IoT



L651C/L651G

20x24mm
UNISOC 8909B
NB1/GPRS
Band 3/5/8/20/28
GSM Dual Band
GNSS optional (L651G)



L630E

17.6x15.8mm
UNISOC 8908
NB1/NB2
Band 1/3/5/8/20/28
BLE optional

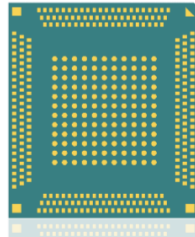


Mass Production

Developing

Planning

Automotive 4G and 5G Pin2Pin



T800

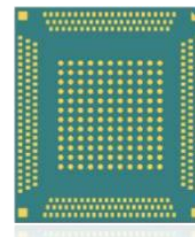
Autotalks

5G

45.2x45.2mm
-40°C ~ +85°C (eCall ~ + 105°C)
Quad-core ARM Cortex A55 1.5GHZ, 15k DMIPS, or,
Quad-core ARM® Cortex A55 1.5GH, 7.5k DMIPS

R15 5G SA DL/UL4.67Gbps/2.5Gbps
NSA DL/UL 2.34G/1.25Gbps
Band 5G NR n1/n3/n28/n41/n78/n79
LTE B1/3/5/8/34/38/39/40/41
HSPA B1/8
GSM Quad Band
GNSS L1+L5 GPS/GLONASS/BeiDou/Galileo/QZSS
ECALL, FOTA, VOLTE, OPEN LINUX
Support External WIFI6 and V2X

Continental



T103

muRata

45.2x45.2mm
-40°C ~ +85°C (eCall ~ + 105°C)
Dual-core ARM Cortex A53 1.5GHz 7K DMIPS, or
Single-core ARM® Cortex A53 1.5GHz, 3,5k DMIPS

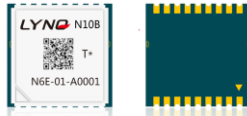
LTE CAT4 DL/UL150/50Mbps
Band B1/3/5/8/34/38/39/40/41
WCDMA B1/8
GSM Dual Band
GPS/GLONASS/BeiDou/Galileo/QZSS
ECALL, FOTA, VOLTE, OPEN LINUX
Support External WIFI6 and V2X

Mass Production

Developing

Planning

GNSS



N10F/N10HD

MTK AG3352/Allystar Chipset
10.1x9.7x2.5mm
GPS/GLONASS/BD



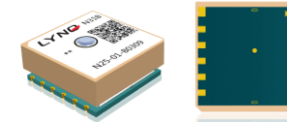
N20B/N20HD-1

MTK MT3333/Allystar Chipset
12.2x16x2.5mm
GPS/GLONASS/Galileo/BD



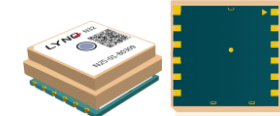
N26

MTK AG3335MN
12.2x16x2.5mm
L1+L5
GPS/GLONASS/Galileo/BD/**IRNSS**



N31B

MTK MT3333
Module 16x16x2.45mm
Patch Antenna 18.4x18.4x4mm
GPS/GLONASS/BD
LNA and Antenna Detection
P2P with L80



N32H

MTK AG3335MN
Module 16x16x2.25mm
Patch Antenna 18x18x2+15x15x2mm
L1+L5
GPS/GLONASS/Galileo/**IRNSS**
LNA and Antenna Detection
P2P with L80

2G and Combo



L218

MTK2503
14.5x18.5x2.3mm
GSM Quad Band
GPS/GLONASS/BD
Bluetooth optional



L206

MTK6261
GSM Quad Band
L206CR 15.7x17.6x2.3 mm
L206MH 15.8x17.6x2.3mm

Mass Production

Developing

Planning

Thank you

Fastest growing designer and factory of wireless modules and solutions
4-8 weeks Lead Time in 2021

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