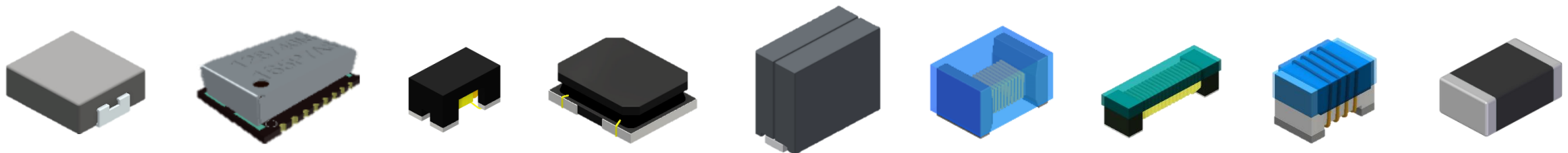
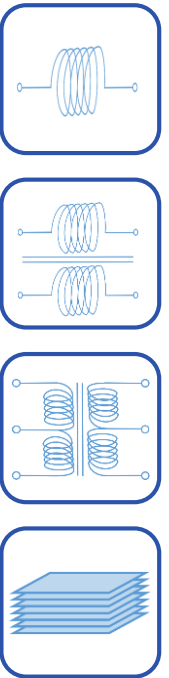


Mini molding power choke Introduction

FAE 25/04/01



Magnetizing the possibility

Innovative Design Solutions

50+ years of materials expertise

40+ tailored material options

- Ferrite
- Ceramic
- Alloy
- Laminated
- Amorphous
- Hybrid



Cost Efficiency

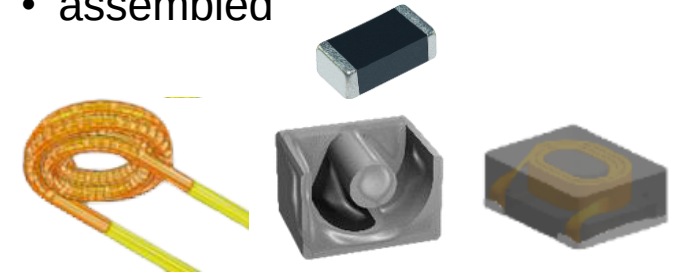
- From **concept to production**
- Optimized design & validation
- Integrated materials & processes



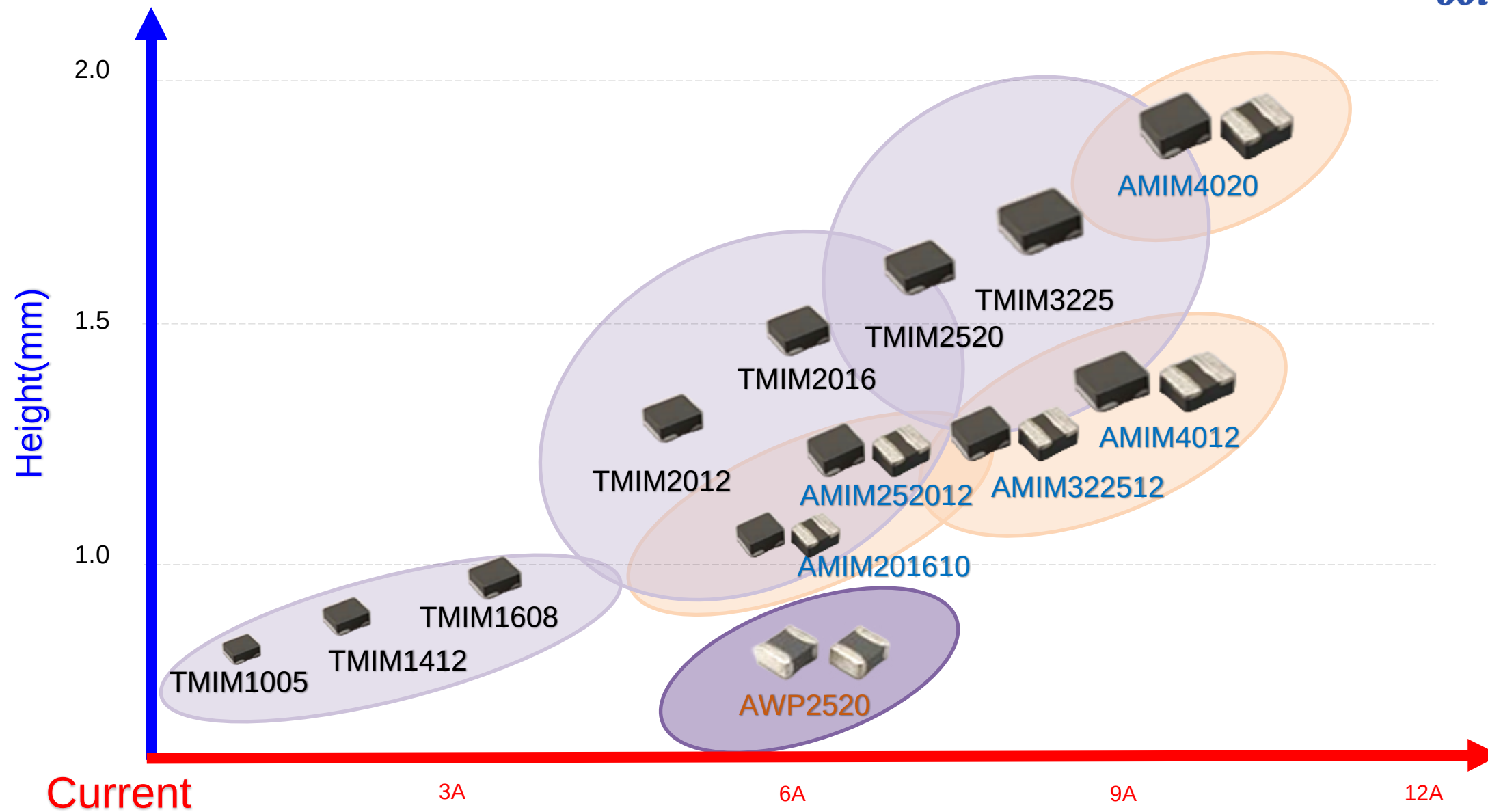
Reliable Precision

Rigorous processes
Versatile product options:

- layered
- wire-wound
- assembled
- encapsulated
- molding



Mini Molding Family



Mini Molding Directory

- Hot Press
- Excellent Isat
- Ultra Slim

TMIM

TAI-TECH	Cyntec	TDK	Murata	TaiyoYuden
TMIM1005	-	-	-	MCEE1005
TMIM1210	HTET1210	-	-	-
TMIM1412	HTEL1412	-	-	-
TMIM1608	HTEX1608	TFM1608	DFE18S	MCHK1608
TMIM2012	HTEX2012	TFM2012	DFE2012	-
TMIM2016	HTEX2016	-	-	-
TMIM2520	HTEX2520	-	-	-
TMIM3225	HTEX3225	-	-	-
TMIM03XX	-	-	-	-
TMIM04XX	HBLX04	-	-	-
TMIM05XX	-	-	-	-
TMIM06XX	HBLX06	-	-	-

AMIM

- Hot Press
- Excellent Efficiency
- DDR5 Application

IC	Application	Series	L (uH)
PMIC5000 PMIC5010	SERVER	4x4x2.0	0.47, 0.68, 1.00, 1.20
PMIC5020	SERVER	4x4x2.0	0.47, 1.00
PMIC5030	SERVER	4x4x1.2	0.47 (Working on)
PMIC5200	CAMM	4x4x1.2 3.2x2.5x1.2 2.5x2.0x1.2	0.47 1.00 1.20
PMIC5100	Client	3.2x2.5x1.2 2.5x2.0x1.2	0.47, 0.68 1.00, 1.50
PMIC5120	Client	4x4x1.2 3.2x2.5x1.2 2.5x2.0x1.2	0.47 0.47 1.00

AWP

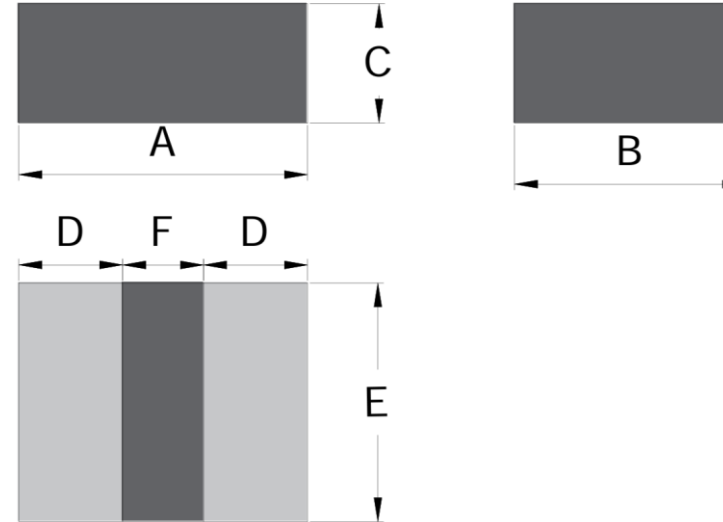
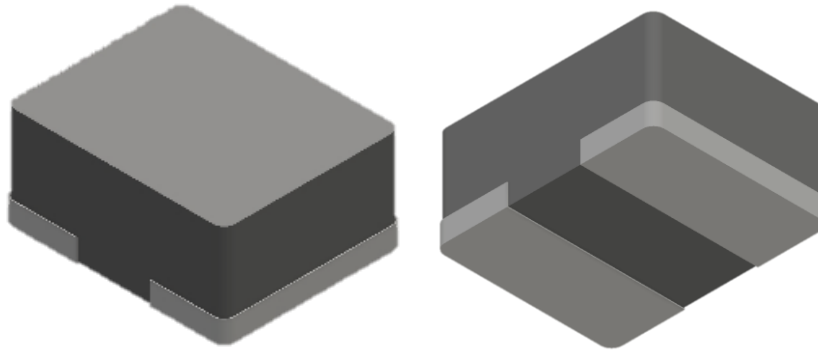
- Original Design
- Narrow Electrode

TAI-TECH	Murata	TDK	TaiyoYuden
AWP2016	DFE2016E/P	TFM2016	MCEE1005
AWP2520	DFE2520E/P	TFM2520	-

Ultra Slim... (Height: 0.65~0.80mm Available)

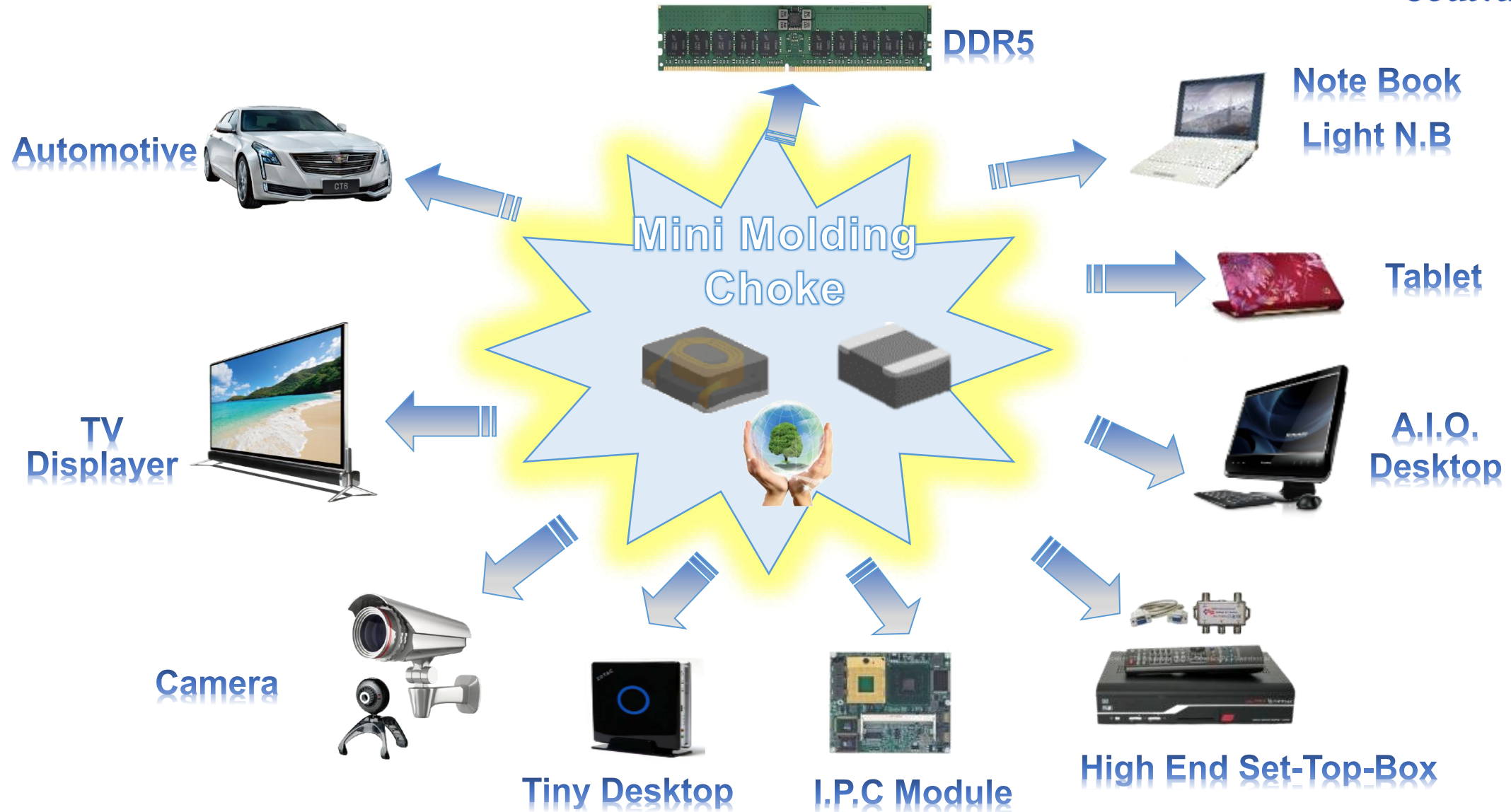
TMIM

- Hot Press
- Excellent Isat
- Ultra Slim

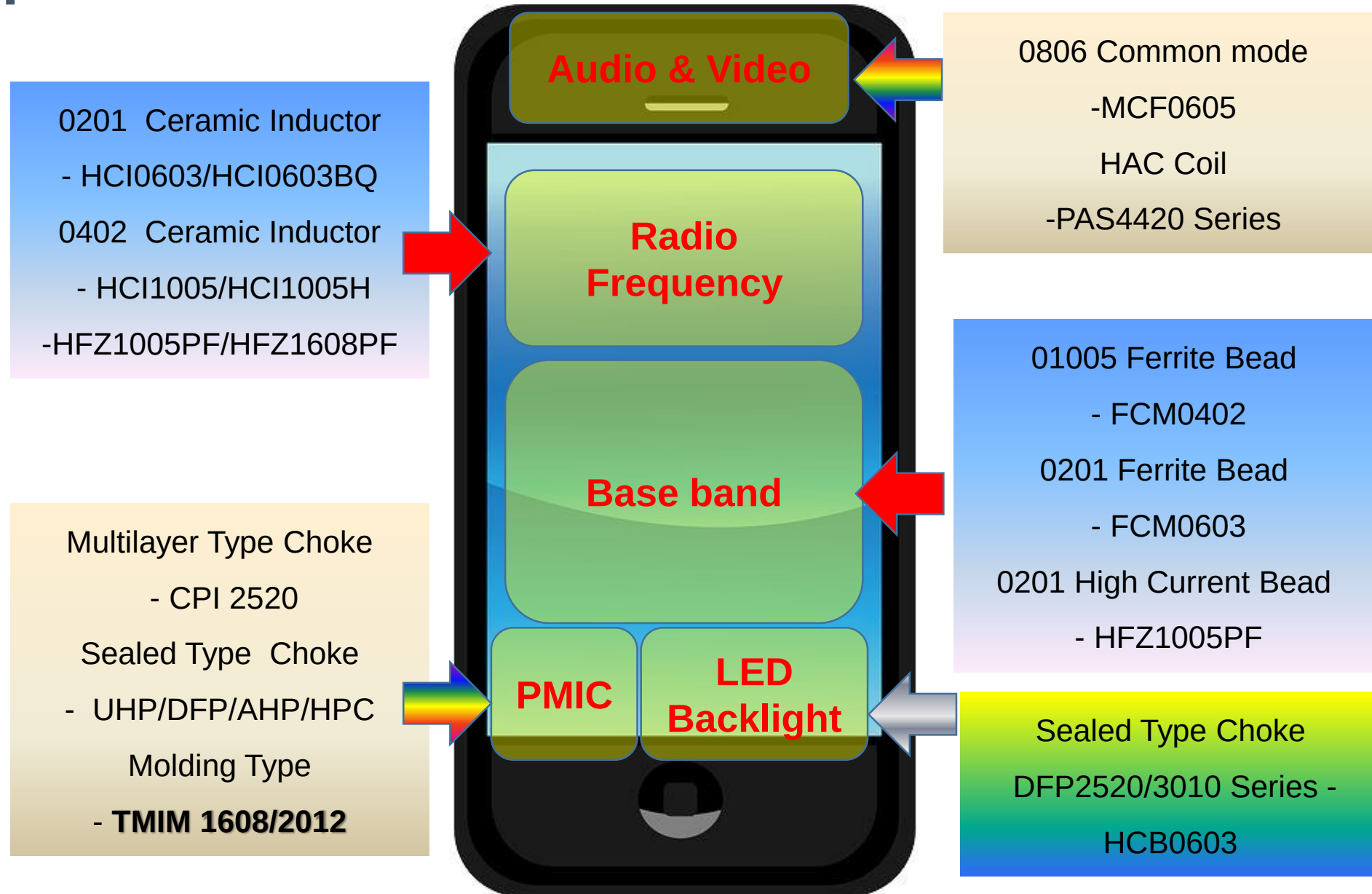


TAI-TECH	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
TMIM100506	1.00±0.15	0.50±0.15	0.60max.	0.30±0.20	0.50±0.15	0.40typ.
TMIM121065	1.20±0.20	1.00±0.20	0.65max.	0.40±0.20	1.00±0.20	0.40typ.
TMIM141265	1.40±0.20	1.20±0.20	0.65max.	0.45±0.20	1.20±0.20	0.50typ.
TMIM141208	1.40±0.20	1.20±0.20	0.80max.	0.45±0.20	1.20±0.20	0.50typ.
TMIM160865	1.60±0.20	0.80±0.20	0.65max.	0.50±0.20	0.80±0.20	0.60typ.
TMIM160808	1.60±0.20	0.80±0.20	0.80max.	0.50±0.20	0.80±0.20	0.60typ.
TMIM201265	2.00±0.20	1.20±0.20	0.65max.	0.70±0.20	1.20±0.20	0.60typ.
TMIM201208	2.00±0.20	1.20±0.20	0.80max.	0.70±0.20	1.20±0.20	0.60typ.
TMIM201608	2.00±0.20	1.60±0.20	0.80max.	0.70±0.20	1.60±0.20	0.60typ.
TMIM252008	2.50±0.20	2.00±0.20	0.80max.	0.85±0.20	2.00±0.20	0.80typ.

Application Note

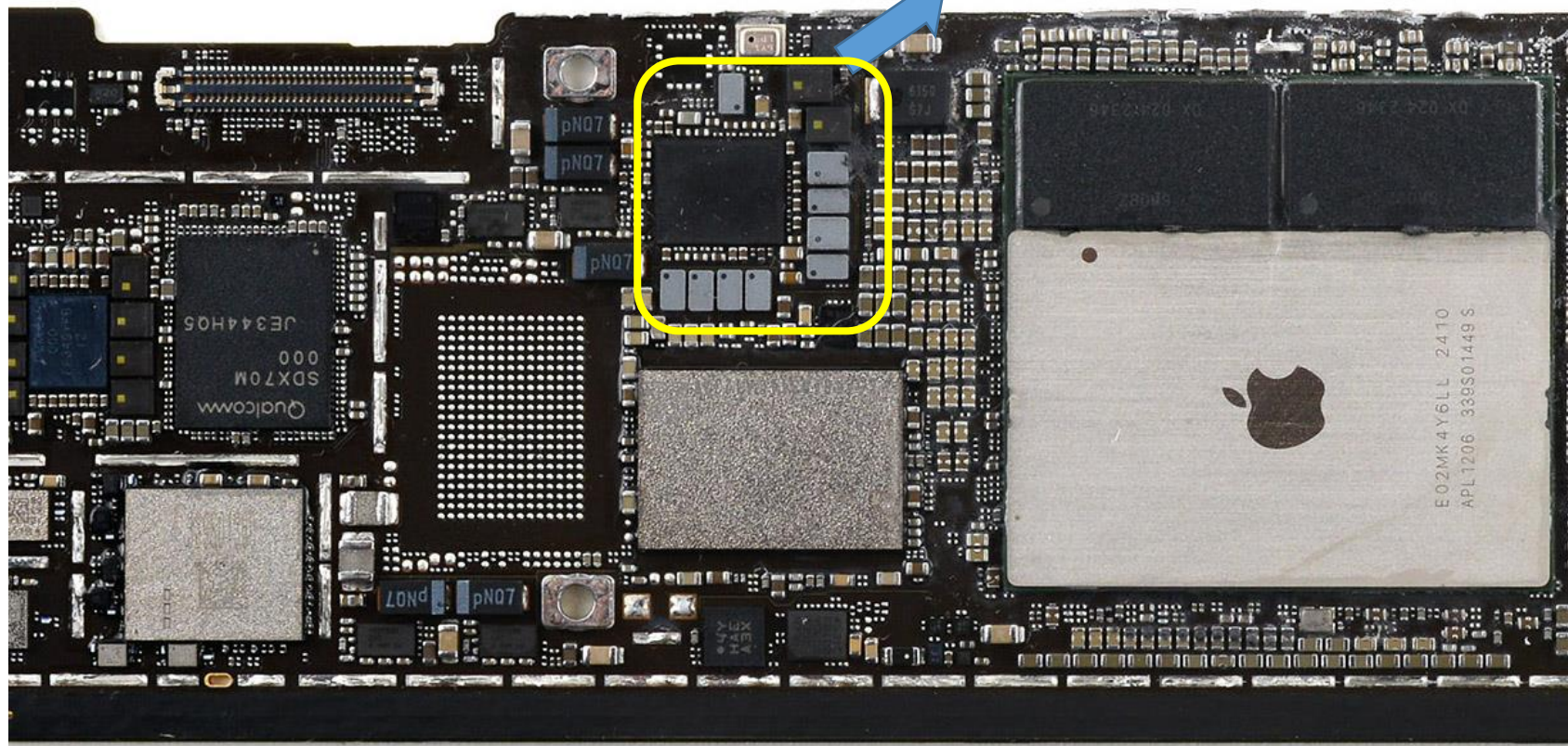


Application Note - Mobile



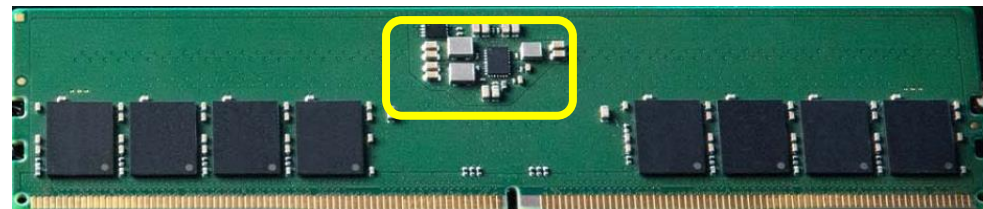
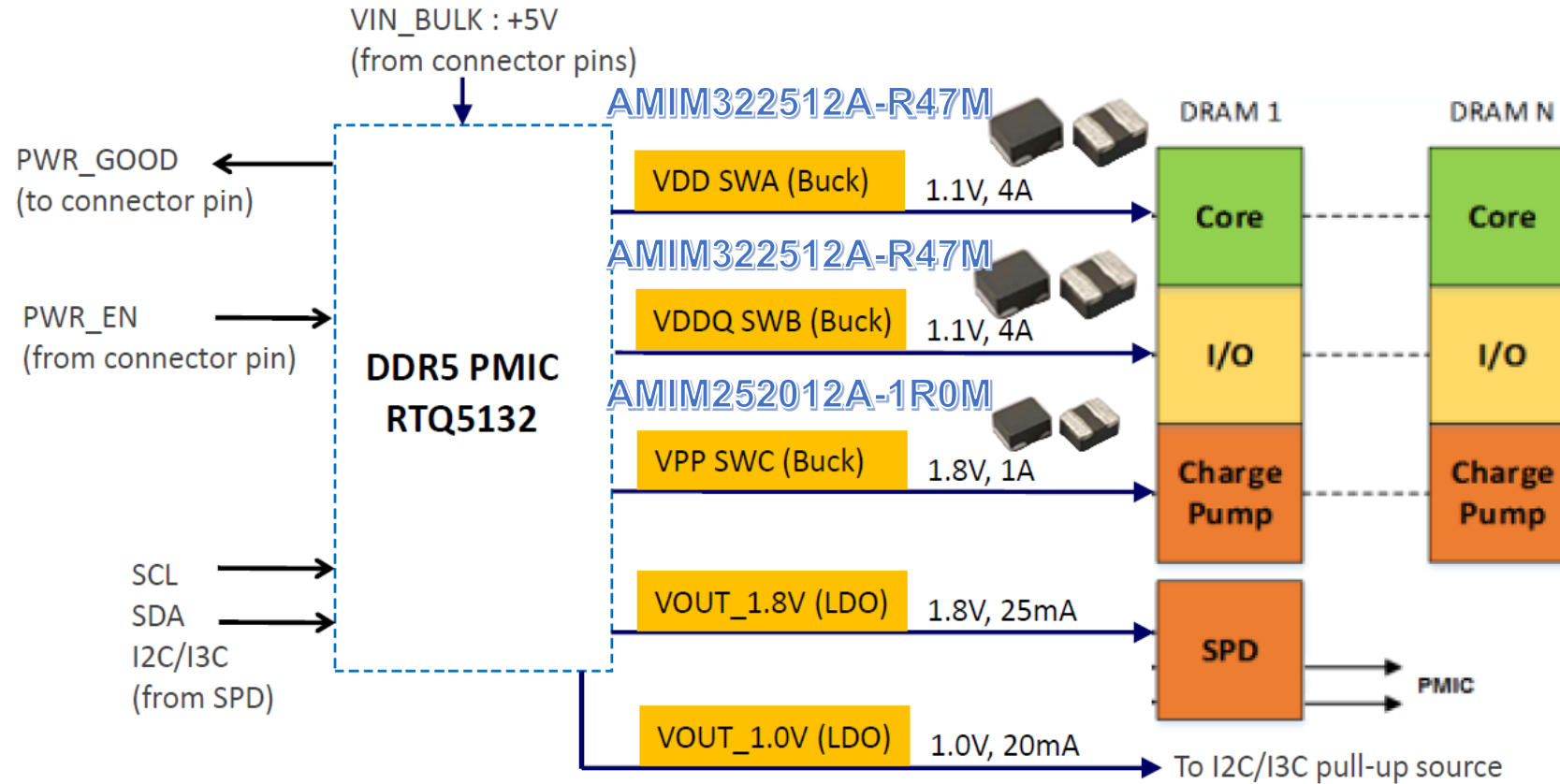
Application Note – Tablet

TMIM252012 / TMIM2012 series

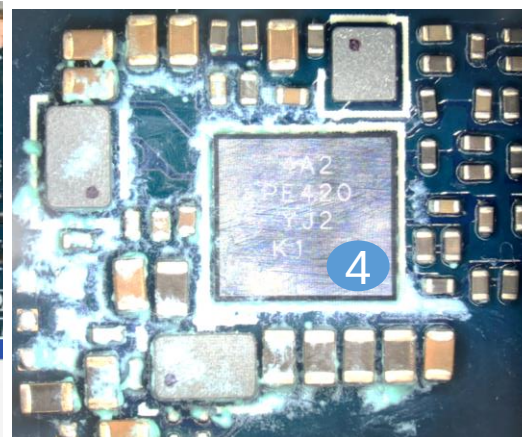
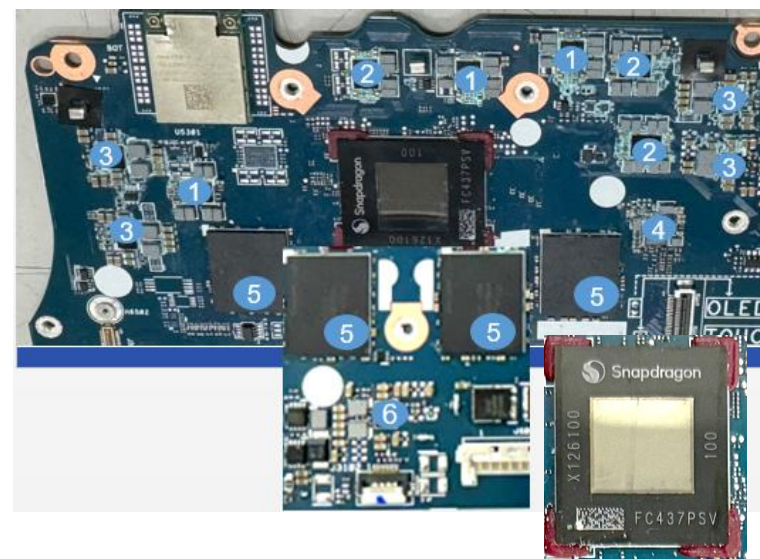
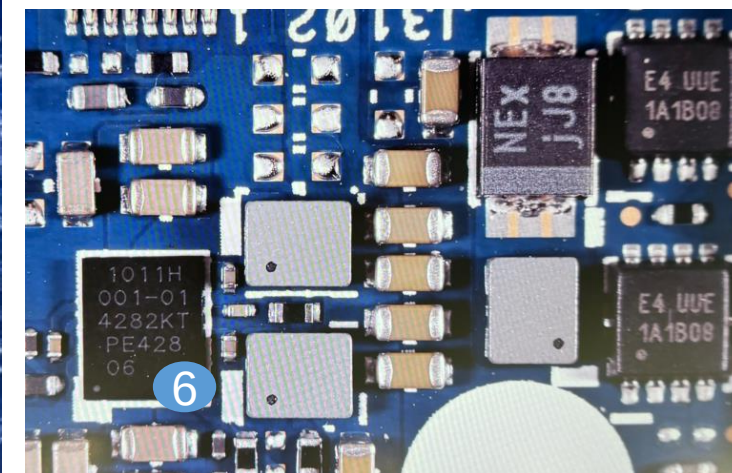
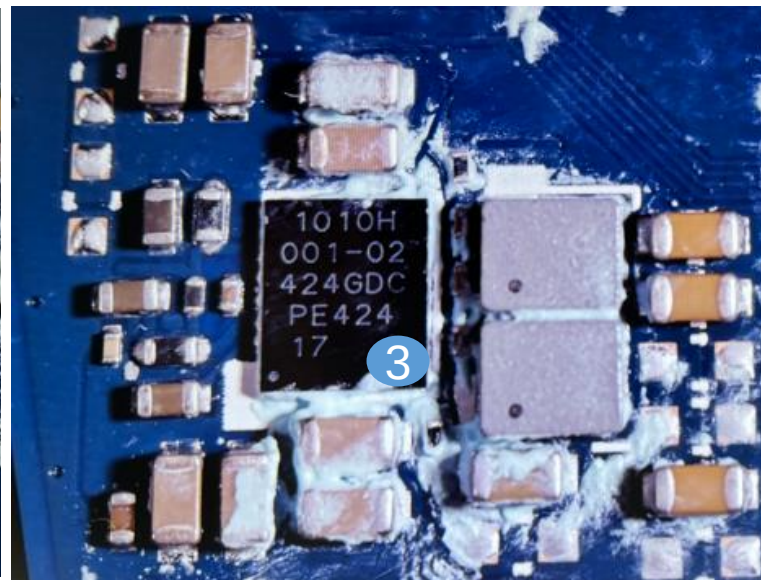
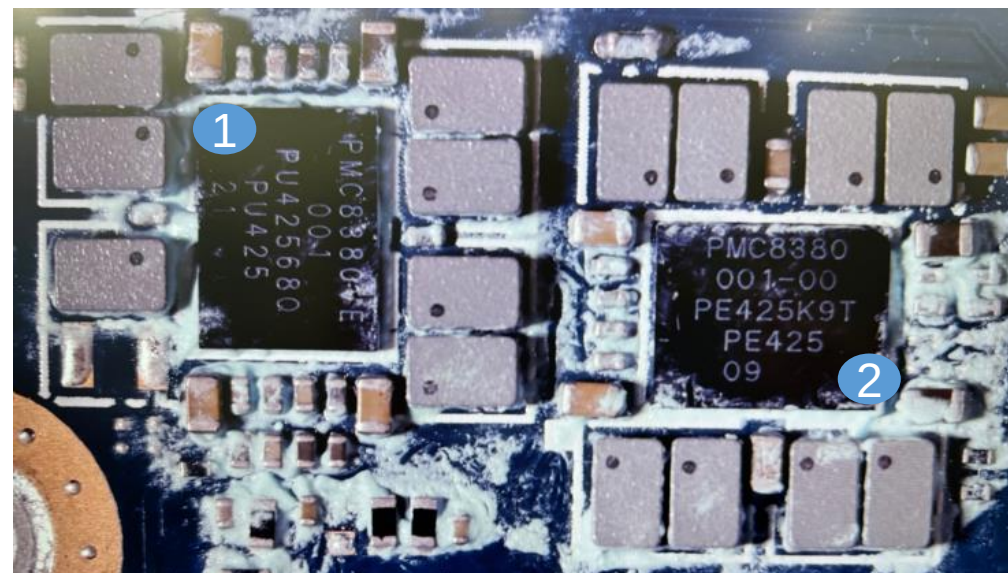


Application Note – DDR5

DDR5 UDIMM & SO-DIMM 電源配置

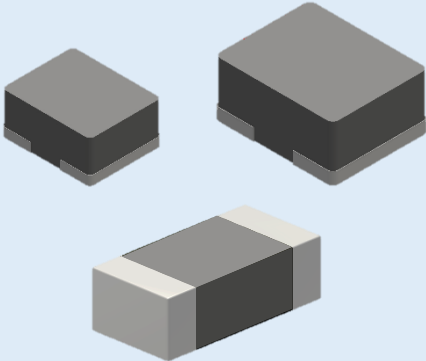


Application Note – AI Note book



Location	IC	Size	QTY	Total
1	CPU-PMIC	201210	6+7+7	40
2	CPU-PMIC		4+8+8	
3&6	SYS-POWER	252012	2*4+3	11
4	MEM-PMIC	322512	2	2
		252012	1	1

Capacity Expansion Plan

Capacity per month	2025H1		2025H2	
	CN	MY	CN	MY
Mini Molding Power Inductor 	50kk	0	60kk	40kk

THANK YOU

Magnetizing the Possibility



03-464-1148



@tai-tech.com.tw



<https://www.tai-tech.com.tw/>

OTC Code TAI-TECH 3357