

Infineon – Your Innovation Partner

인피니언 코리아
최 재홍 상무

- restricted -



오늘부터 1일♥

인피니언과 플친 사이♥



인피니언 코리아와 카톡 플친 맺고
이모티콘 받아주세요.

1. 카카오톡 상단 검색창 터치
2. '인피니언' 입력
3. 친구 추가하고 이모티콘 받기

*선착순 증정, 준비된 수량 소진 시 이벤트 조기 마감

We make life easier, safer and greener

System Leader in Automotive



Technology leader in Power



Leader in security ICs
and ~solutions



One of the leaders in RF
and Sensors

around **37,500** employees worldwide

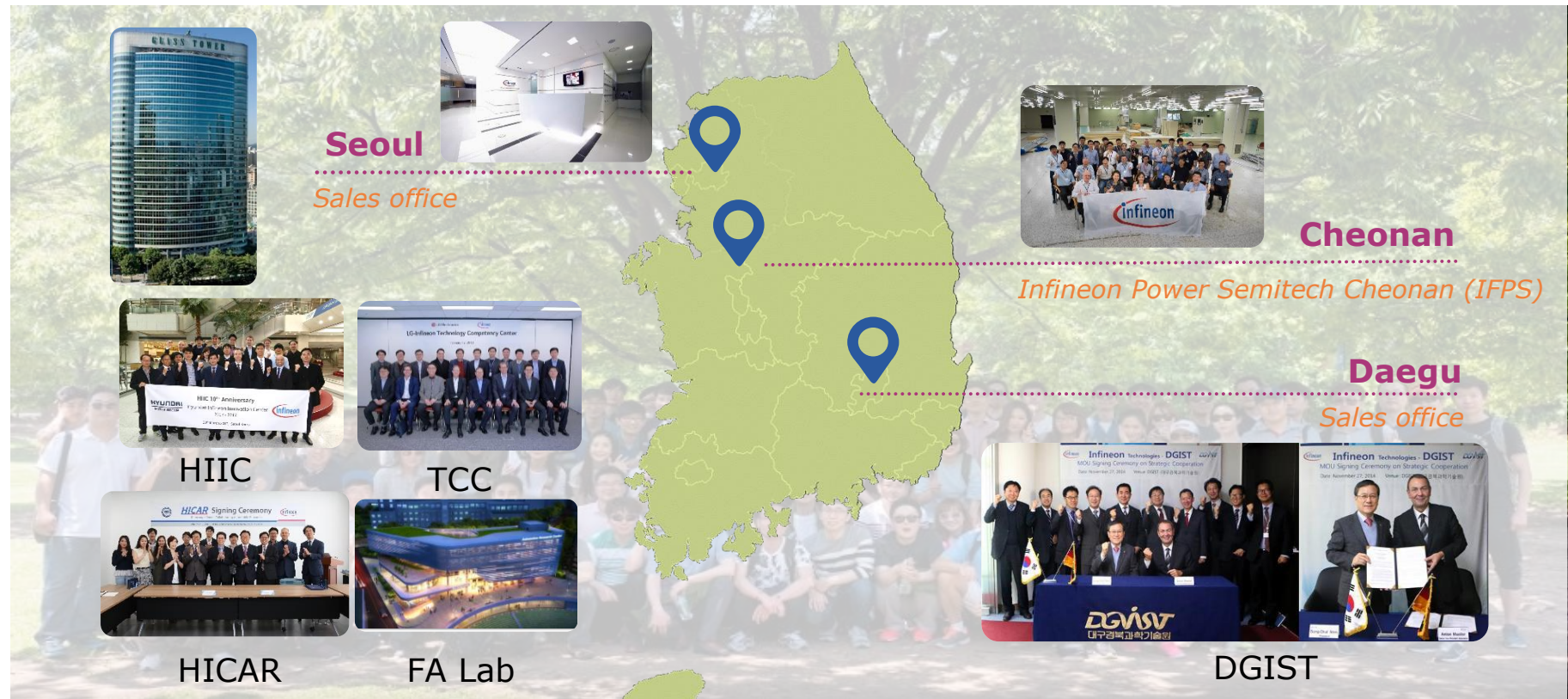
36 R&D locations

18 manufacturing locations

~ **€8bn** revenue

more than **30,000** different products

Infineon in Korea



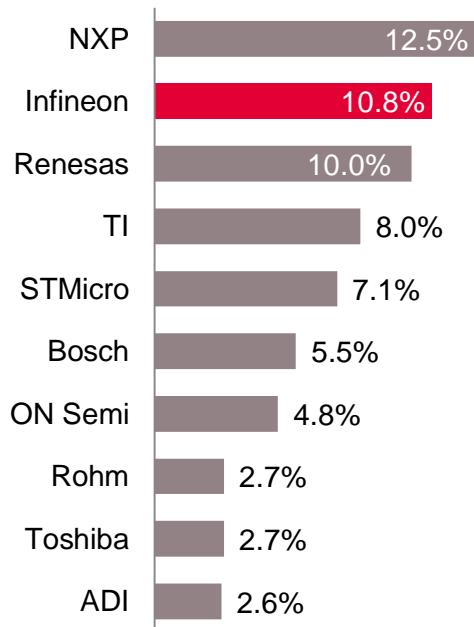
Localization milestones

- › Footprint: **2** sales offices, **4** Labs and **1** factory locations established
- › Revenue: around **€550 mil** in Infineon 2018 fiscal year
- › Employees: about **152** sales office employees and **200** factory employees
- › Joint Labs: **3** established till date

Top positions in all major product categories

Automotive semiconductors

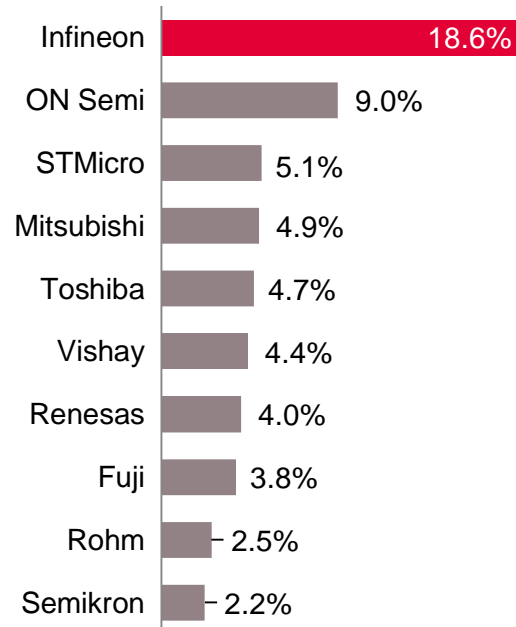
total market in 2017: \$34.5bn



Source: Strategy Analytics, "2017 Automotive Semiconductor Vendor Share", April 2018

Power discrete and modules

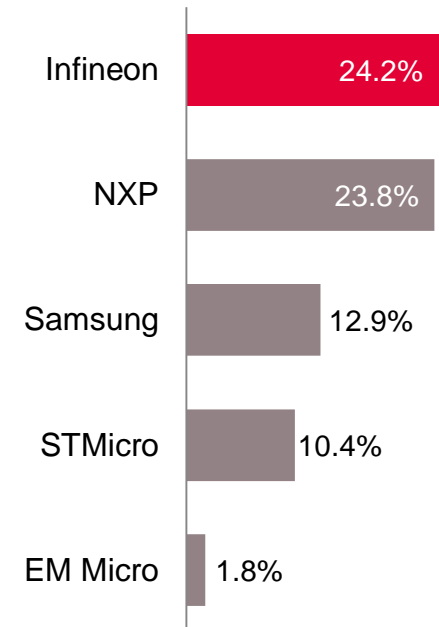
total market in 2017: \$18.5bn



Source: Based on or includes content supplied by IHS Markit, Technology Group, "Power Semiconductor Market Share Database 2017", September 2018

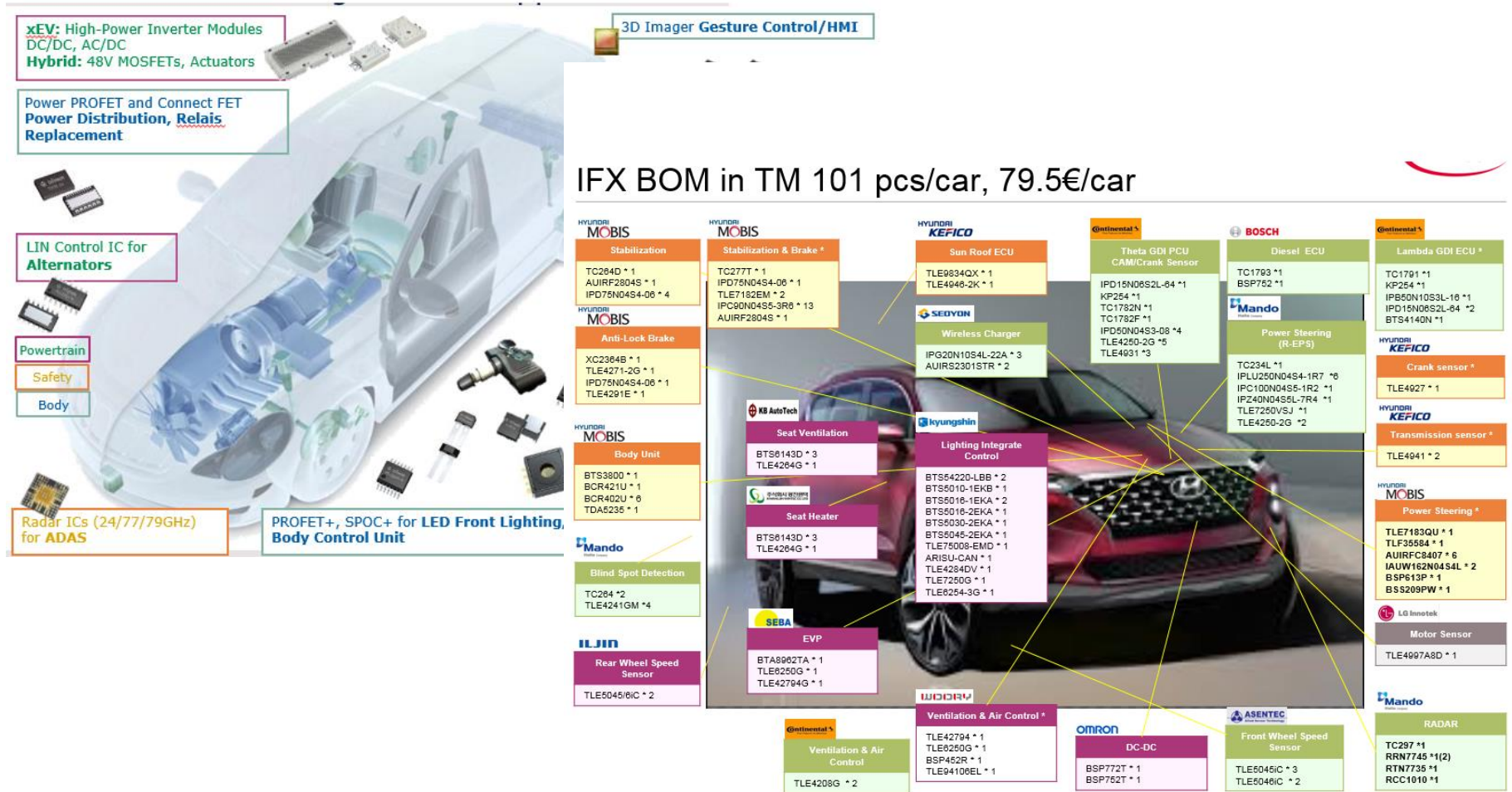
Security ICs

total market in 2017: \$3.3bn



Source: ABI Research, "Smart card & secure ICs", October 2018

Automotive Product to System



AURIX TC275 Motor Control Kit



ShieldBuddy



Building a safe and secure embedded world

Embedded Technology

Embedded Services

Safety and Security

Industrial Automation

Training

Industries

News

About us

Hitex UK – Embedded Technology – Hardware – Boards & Modules – Embedded Modules By Processor – Hitex ShieldBuddy TC275 – ShieldBuddy Download Centre

ShieldBuddy Download Page

Getting Started Guide



Product Flyer



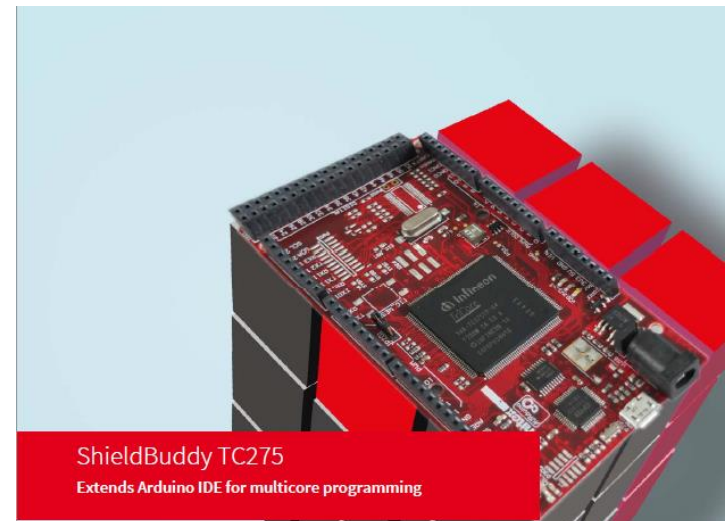
User Manual



Contact us



<http://www.hitex.co.uk/index.php?id=526>

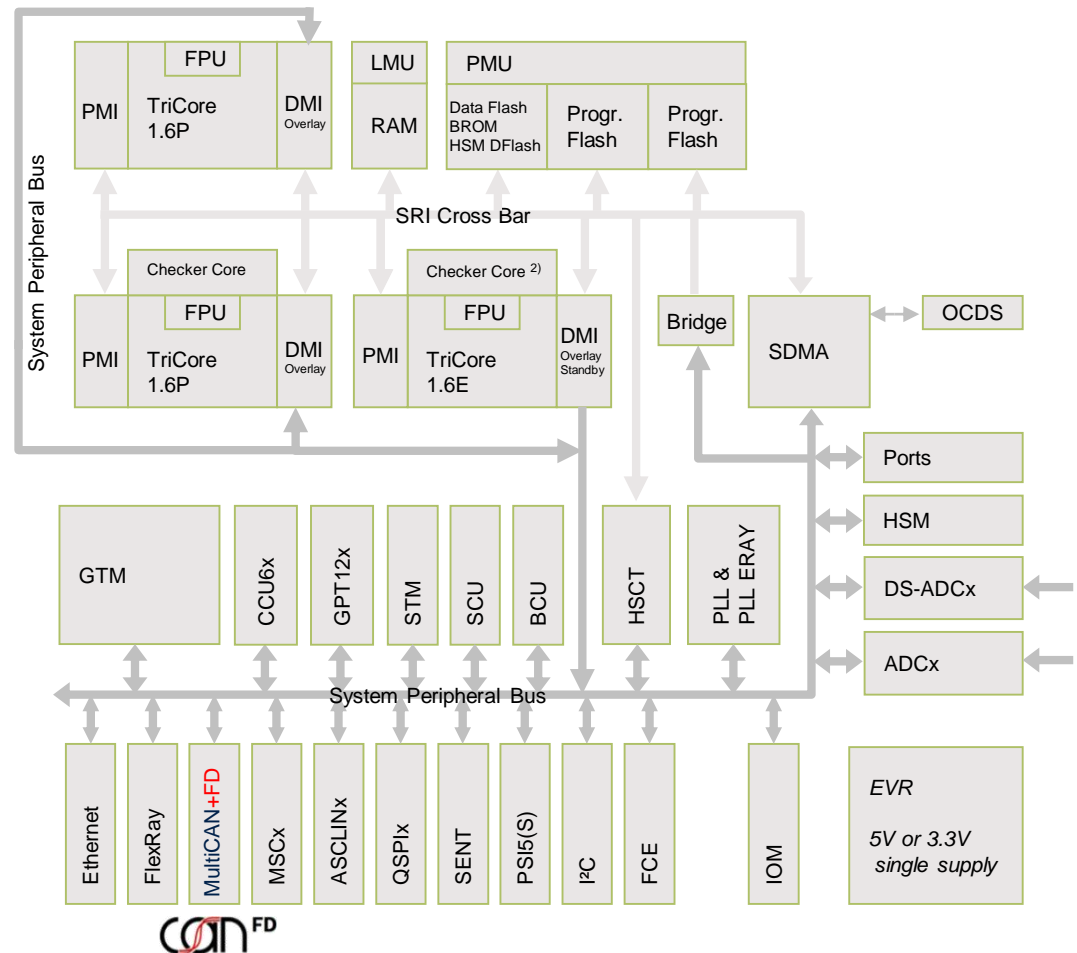


ShieldBuddy TC275
Extends Arduino IDE for multicore programming

7x Series – Umbrella Device

SAK-TC27xTP-64F200

Feature Set		7x Series
TriCore 1.6P	# Cores / Checker	2 / 1
	Frequency	200 MHz
TriCore 1.6E	# Cores / Checker	1 / 1
	Frequency	200 MHz
Flash	Program Flash	4 MB
	EEPROM @ w/e cycles	64 KB @ 500k
SRAM	Total (DMI , PMI)	472 KB
DMA	Channels	64
ADC	Modules 12bit / DS	8 / 6
	Channels 12bit / DS	60 / 6 diff
Timer	GTM Input / Output	32 / 88 channels
	CCU / GPT modules	2 / 1
Interfaces	FlexRay (#/ch.)	1 / 2
	CAN-FD ³⁾ (nodes/obj)	4 / 256
	QSPI / ASCLIN / I2C	4 / 4 / 1
	SENT / PSI5 / PSI5S	10 / 3 / 1
	HSCT / MSC / EBU	1 / 2 diff LVDS / -
	Other	Ethernet MAC
Safety	SIL Level	ASIL-D
Security	HSM	Optional
Power	EVR	Yes



Package Variants

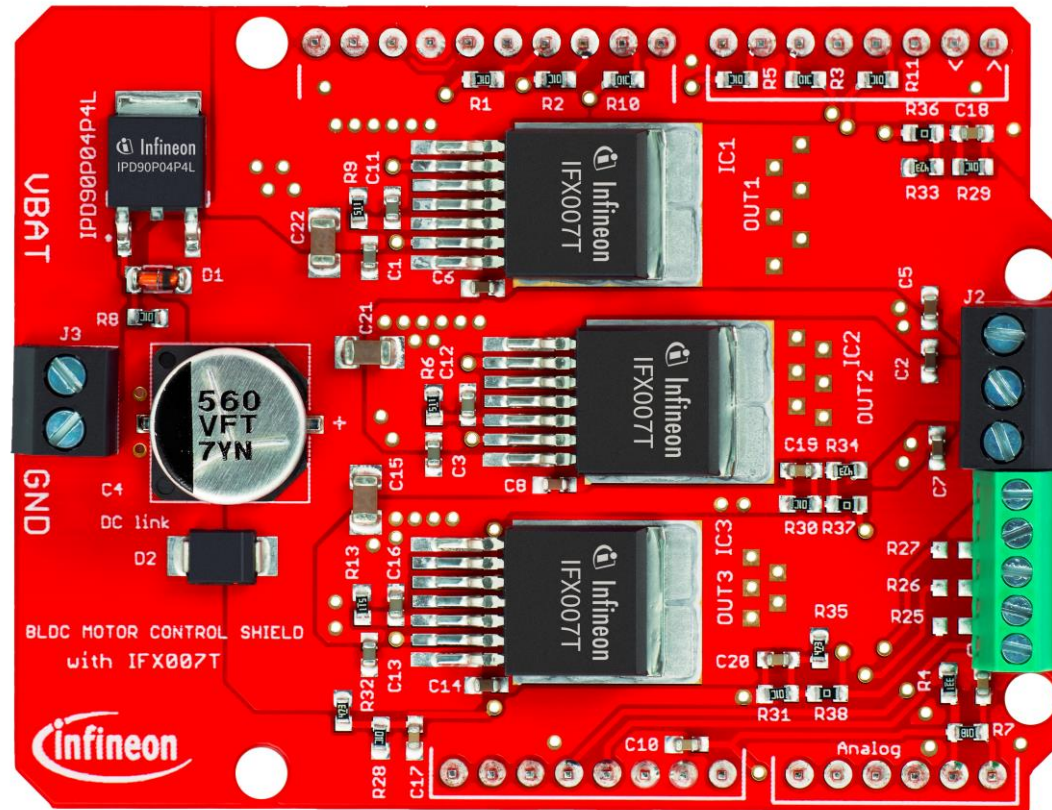
- 1) Grade 0 option available on request with specific limitations for $T_a=150^\circ$
 2) Option: CAN FD ISO 11898-1 in all nodes

LFBGA-292
 0.8mm
 -40°C to +125°C ¹⁾
 60 ADC inputs

LQFP-176
 0.5mm
 -40°C to +125°C ¹⁾
 48 ADC inputs

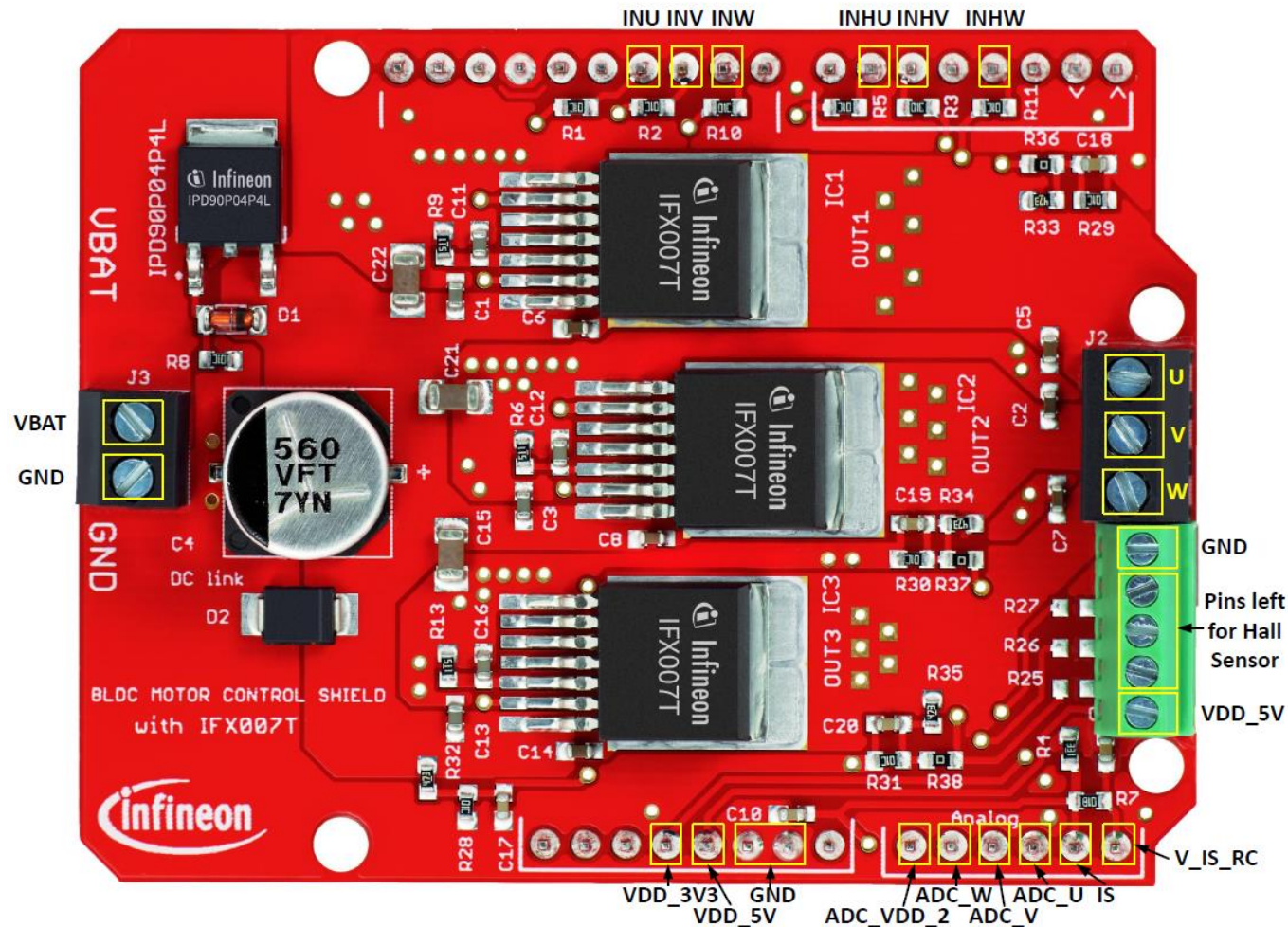
Bare Die
 T_{jmax} 170°C
 60 ADC inputs

On board of the Motor Control Shield are three IFX007T NovalithIC.



- Each is capable of driving up to 55 A.
- The limited thermal performance of the Shield PCB limits the recommended maximum current to 30 A.

Motor Control Shield



IFX007T : https://www.infineon.com/dgdl/Infineon-IFX007T-DS-v01_00-EN.pdf?fileId=5546d46265f064ff0166433484070b75
 TLE4271-2 : https://www.infineon.com/dgdl/Infineon-TLE4271-2-DS-v02_70-EN.pdf?fileId=5546d46259d9a4bf0159f97a56393e6f
 TLE4284DV50 : https://www.infineon.com/dgdl/Infineon-TLE4284-DS-v02_10-EN.pdf?fileId=5546d46258fc0bc101595f854dfc1f60


HIGHTEC software

› URL: <http://free-entry-toolchain.hightec-rt.com>

Free TriCore™ Entry Tool Chain

The easiest way to start with a TriBoard.

Version 4.6.6.0-infineon-1.1 (includes support for AURIX TC29x, TC27x, TC26x, TC23x and TC22x)



Instructions:

1. Please fill out the form on the right
2. You will be sent an e-mail, which contains your license file and the download link
3. Download the installation package
4. Unzip the installation package and start "Setup.exe" to install the toolchain
5. Please copy the license file to the folder "C:\HighTec\licenses"
6. Read the manual "Getting Started"

Getting Started

 Download Manual



Name *

E-mail address *


Company *

Department

Phone number *

MAC-Address ⓘ *

Are you human? *





Lab Tour program for Infineon Special Award (일요일 ~금요일, in August)



Company introduction



System Demo



Automotive Trend (by Patrick)

*On the way to
Digitalization & Electrification
of the Automobile*

MC FAR Lab / HR IGP program

ADAS Solution(Radar/ ToF/Lidar)



Munich/Salzburg City tour

BMW Belt Tour



Germany Museum Tour



enjoy Germany Beer

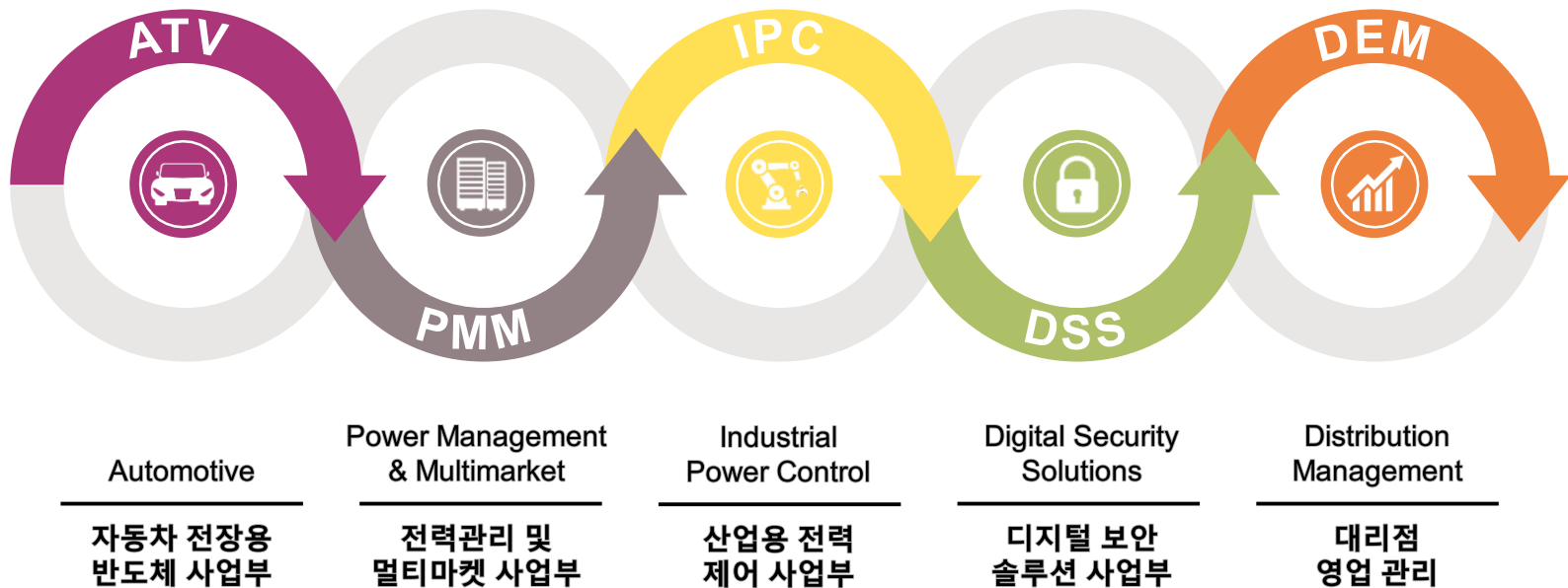


[신입 채용] Jump Start Program

근무 지역 서울

지원 요건 전자공학 관련 전공 졸업(예정)자

24개월 간 다양한 부서를 경험하고 부서 선택



자세한 내용은



인피니언 테크놀로지스 코리아

플러스친구 페이지 링크에서 확인해주세요!



Part of your life. Part of tomorrow.