

Evaluation Boards, Starter Kits, and Single Board Computers (SBCs)

Evaluation boards and starter kits are an inexpensive way to experience the many features of NXP microcontrollers, software development tools, and sample applications. To help you start developing your application, some kits contain a JTAG unit for software debugging and device programming, along with a free evaluation version of the integrated development environment (IDE). Single-board computers (SBCs), also known as system-on-modules (SOMs), reduce your time to market and lower cost at every stage of design, from evaluation and prototyping to development and OEM deployment.

Supplier	Board	Supported Devices																						Populated Device	Comments							
		LPC175x	LPC176x	LPC210x	LPC211x	LPC212x	LPC219x	LPC213x	LPC214x	LPC215x	LPC221x	LPC222x	LPC229x	LPC236x	LPC237x	LPC238x	LPC242x	LPC245x	LPC246x	LPC247x	LPC288x	LPC291x	LPC292x			LPC293x	LH754xx	LH795xx	LH7A4xx	LPC313x	LPC314x	LPC315x
Code Red	RDB1768	•	•																												LPC1768	LPC1700-based evaluation board
Embedded Artists	EA-QSB-xxx			•	•	•	•	•	•																					various	QuickStart boards with headers	
	EA-EDU-xxx			•				•	•																					various	Education boards with various add-on boards	
	EA-OEM-xxx																	•	•	•							•			various	SOM OEM boards with or without base boards	
Embest	LPCEB2000-x				•	•	•	•			•		•																	various	3 CPU module boards + expansion board	
	LPCEB2300												•																	LPC2368	Evaluation board for LPC236x series	
eSysTech	SOM eLPCxx			•	•	•		•	•		•	•	•																	various	3 System-On-Module boards (SOMs)	
	eLPC			•	•	•		•	•		•	•	•																	various	Evaluation kits for the a.m. SOMs	

Supplier	Board	Supported Devices																				Populated Device	Comments									
		LPC175x	LPC176x	LPC210x	LPC211x	LPC212x	LPC219x	LPC213x	LPC214x	LPC215x	LPC221x	LPC222x	LPC229x	LPC236x	LPC237x	LPC238x	LPC242x	LPC245x	LPC246x	LPC247x	LPC288x			LPC291x	LPC292x	LPC293x	LH754xx	LH795xx	LH7A4xx	LPC313x	LPC314x	LPC315x
LabTools	McBoard ARM7.1							●																							LPC2138	LPC2138-based evaluation platform
	Starterkit NXP			●																											LPC2104	LPC2104-based starter kit
LINPO	PS LPC_xxxx			●				●	●				●				●	●	●											various	Fengbao Electronics Technology Co, LTD.	
Logic PD	SDK-LH7xxxx																							●	●	●					LH7xxxx	Development boards for BlueStreak devices
NXP	IRD-LPCxxxx	●	●															●	●											various	LPCxxxx Industrial Reference Design (IRD)	
Oasis	Various				●	●		●	●		●	●					●	●	●											various	Oasis Technologies	
Olimex	LPC-H2xxx			●	●	●		●	●		●	●										●								various	Compact-header prototype boards	
	LPC-P2xxx			●	●	●		●	●					●																various	Prototype boards	
	LPC-MT-21xx			●				●																						various	Small boards with 16x2 LCD + 5 buttons	
	LPC-E2xxx				●	●					●	●						●	●											various	Prototype boards with Ethernet interface	
	LPC-2xxxSTK														●			●	●	●										various	Development boards for LPC23xx/24xx	
PASAT	Various			●	●	●	●	●																						various	SBC DIP modules	
PHYTEC	phyCORE-229x										●	●	●																	LPC229x	SBC + RDK for LPC22xx	
	phyCORE-3180																												●	LPC3180	SBC + RDK for LPC3180	
	phyCORE-3250																												●	LPC3250	SBC + RDK for LPC32x0	
Phyton	TB2-LPC21xx			●	●	●	●	●																						various	Simple target / header boards	
Signum	EVB-LPC2138							●																						LPC2138	General-purpose evaluation board for LPC213x	
SPJ	Mini-ARM->xxxx							●	●																					various	ARM-based evaluation boards	
uCdragon	YL-LPCxxxx			●				●	●			●	●	●			●	●	●											●	various	ARM-based evaluation boards
ZLG	EasyARMxxxx			●	●	●	●	●	●		●	●	●																		various	Evaluation boards for LPC2100/LPC2200
	SmartARM2xxx																●			●	●										various	Development kits, including MiniARM SBCs
	MiniARM M2x																●			●	●										various	SBCs based on LPC237x / LPC2478
	TinyARM T23													●			●														various	SBCs based on LPC236x / LPC2387 (100 pin)
Family		LPC1000	LPC2000														LH7 / LH7A			LPC3000												
Core		Cortex-M3	ARM7TDMI											ARM968E			¹⁾	²⁾	³⁾	ARM926EJ		¹⁾ ARM7TDMI ²⁾ ARM720T ³⁾ ARM922T										