

Feature summary - IAR KickStart Kit for ARM

Kit	MCU	Processor	MCU clock (MHz)	Int'l FLASH (KB)	Int'l RAM (KB)	External RAM(MB)	External Flash(MB)	Prototyping area	JTAG/SWD interface	ETM interface	Push Buttons	I/O Port LEDs	Analog Input (Potentiometer)	Analog Output (Speaker/Buzzer)	Serial Ports	CAN Ports	USB Device Interface	USB Host/OTG	Ethernet Interface	SD Card Interface	LCD	Power connector	Power supply	Example projects	RTOS/MW BSPs	Note
KSK-SAM3X-JL	SAM3X8H	Cortex-M3	84	512	100	256 Mbit	2G NAND	No	Yes	No	2	3	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	320X240 TFT	Jack	5VDC	Yes	Yes	Qtouch elements, ZigBee connector
KSK-SAM4S-JL	SAM4SD32C	Cortex-M4	120	2048	160		2G NAND	No	Yes	No	2	3	Yes	Yes	Yes	No	Yes	No	No	Yes	320X240 TFT	Jack	5VDC	Yes	Yes	Qtouch elements, ZigBee connector
KSK-FM3-48PMC-USB	MB9AF312K	Cortex-M3	40	160	16			No	SWJ-DP	No	2	3	Yes	No	No	No	Yes	Yes	No	No	No	USB		Yes		Light sensor
KSK-LPC1114	LPC1114	Cortex-M0	50	32	8			Yes	Yes	No	2	2	Yes	No	Yes	No	No	No	No	No	Small	Jack, JTAG	9VDC	Yes	Yes	EXT connector
KSK-LPC11A14-JL	LPC11A14	Cortex-M0	50	32	8			Yes	Yes	No	2	8	Yes	Yes	Yes	No	No	No	No	No	Small	Jack, JTAG, USB	6-9VDC 4.5-6VAC	Yes	Yes	3-D accelerometer, extension connectors for all other signals
KSK-LPC11C14-JL	LPC11C14	Cortex-M0	50	32	8			Yes	Yes	No	2	2	Yes	No	Yes	Yes	No	No	No	No	Small	Jack, JTAG	5-9VDC	Yes	Yes	Temp. sensor, EXT connector
KSK-LPC11U24-JL	LPC11U24	Cortex-M0	50	32	8			Yes	Yes	No	2	2	Yes	Yes	Yes	No	Yes	No	No	No	Small	Jack, JTAG	4.5-6VAC/6-9VDC	Yes	Yes	Temp. sensor, UXT connector
KSK-LPC1227-JL	LPC1227	Cortex-M0	33	128	8			Yes	Yes	No	2	2	Yes	Yes	Yes	No	No	No	No	No	1X8 char	Jack, JTAG		Yes	Yes	
KSK-LPC1343	LPC1343	Cortex-M3	72	32	8			Yes	Yes	No	2	2	Yes	No	Yes	No	Yes	No	No	No	Small	Jack, JTAG	9VDC	Yes	Yes	JTAG OB, EXT connector
KSK-LPC1347-JL	LPC1347	Cortex-M3	72	32	8			Yes	Yes	No	2	2	Yes	No	Yes	No	Yes	No	No	No	Small	Jack, JTAG	9VDC	Yes	Yes	JTAG OB, EXT connector
KSK-LPC2129E-PL	LPC2129E	ARM7TDMI-S	60	256	16			No	Yes	No	2	3	Yes	No	Yes	No	Yes	No	Yes	No	No	Jack, JTAG	5VDC	Yes	Yes	64K EEPROM, 3 LAN status LEDs
KSK-LPC2148-R2-PL	LPC2148	ARM7TDMI-S	60	512	12			Yes	Yes	Yes (pads)	2	1	Yes	Yes	Yes	No	Yes	No	No	Yes	2X16 char	Jack, USB, JTAG	9VDC	Yes	Yes	Audio jacks
KSK-LPC2148-R2T-PL	LPC2148	ARM7TDMI-S	60	512	12			Yes	Yes	Yes	2	1	Yes	Yes	Yes	No	Yes	No	No	Yes	2X16 char	Jack, USB, JTAG	9VDC	Yes	Yes	Audio jacks, trace(mictor) connector
KSK-LPC3131-PL	LPC3131	ARM926EJ-S	180	0	192	64	256+4	No	Yes	No	1	8	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Jack, USB, JTAG	9-15VDC	Yes	Yes	Joystick, 4 audio connectors, 3-D accelerometer
KSK-LPC4088-JL	LPC4088	Cortex-M4	120	512	96	64	16	No	Yes	Yes	2	2	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	320X200 TFT	Jack, USB, JTAG	9VDC	Yes	Yes	accelerometer
KSK-MB9BF506R	MB9BF506R	Cortex-M3	80	512	64			Yes	Yes	Yes	3	1	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	2X16 char	Jack, USB, JTAG	9-15VDC	Yes	Yes	Joystick, audio jacks, trace connector, SPI
KSK-MB9BF516R-JL	MB9BF516R	Cortex-M3	144	512	64			No	Yes	Yes	2	1	No	No	No	No	Yes	Yes	No	No	No	Jack, USB, JTAG	5VDC	Yes	Yes	
KSK-MB9BF568R	MB9BF568	Cortex-M4F	160	1MB	128			No	Yes	Yes	1	1	No	No	No	No	Yes	Yes	No	No	No	Jack, USB, JTAG, ETM	5VDC	Yes		CMSIS-DAP on-board debug probe, current measurement points for I-scope, battery holder for VBAT
KSK-MB9BF618T-JL	MB9BF618T	Cortex-M3	144	1MB	128			No	Yes	Yes	2	1	No	No	No	No	Yes	Yes	2	No	No	Jack, USB, JTAG	5VDC	Yes	Yes	
KSK-MB9EF226-DISP	MB9EF226	Cortex-R4	128	2176	192		64	No	Yes	Yes	5	8	Yes	Yes	Yes	Yes	No	No	Yes	Yes	320X240 QVGA	Jack	12VDC	Yes		Audio, temp sensor, ambient light sensor
KSK-RIN32M3EC-LT-IL <i>new</i>	R-IN32M3-EC	Cortex-M3	100		1344		2	No	Yes	Yes	8(Note)	8	No	No	Yes	No	NO	No	2	No	No	Jack, USB, JTAG	5VDC	Yes	Yes	8 Dip SWs instead of push buttons, Serial Flash(M25P16), USB-Serial
KSK-STM32F051R8	STM32F051R8	Cortex-M0	48	64	8	0	0	No	Yes	Yes	3	4	Yes	Yes	Yes	No	No	No	No	No	small	Jack, USB, JTAG, Trace	6-12VDC	Yes	Yes	Audio jack, 6 capacitive buttons, light & distance sensors, HDMI-CEC connectors, 3-axis accelerometer
KSK-STM32F103ZE	STM32F103ZE	Cortex-M3	72	512	64	0	0	Yes	Yes	Yes	2	4	Yes	Yes	Yes	Yes	Yes	No	No	Yes	132X132	Jack, USB, JTAG	5VDC	Yes	Yes	Joystick, stepper motor, temp. Sensor, power measuring jumper

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KSK-STM32F107VC	STM32F107VC	Cortex-M3	72	256	64	0	0	Yes	Yes	Yes	4	4	Yes	Yes	Yes	Yes	No	Yes	Yes	No	132X132	Jack, USB, JTAG	5VDC	Yes	Yes	Joystick, stepper motor, accelerometer, UXT, temp. sensor
KSK-STM32F207ZG-JL	STM32F207ZG	Cortex-M3	120	128	20	0	0	Yes	Yes	Yes	2	16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	small	Jack, USB, JTAG	5VDC	Yes	Yes	audio jacks, 3-D accelerometer, temp sensor
KSK-STM32F407ZG-JL	STM32F407ZG	Cortex-M4	168	1MB	192	0	0	Yes	Yes	Yes	2	16	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	small	Jack, USB, JTAG	5VDC	Yes	Yes	audio jacks, 3-D accelerometer, temp sensor
KSK-STM32F429II-IL	STM32F429II	Cortex-M4	180	2M	260	256	4Mbit	No	Yes	Yes	2	4	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	4.3" TFT	Jack,JTAG, Trace, USB	5VDC	Yes	Yes	audio jacks, joystick, 3-D accelerometer, temp sensor
KSK-STM32L152VB-JL	STM32L152VB	Cortex-M3	32	128	16			Yes	Yes	Yes	2	4	Yes	Yes	Yes	No	Yes	No	No	No	8X40	Jack, USB, JTAG	5-9VDC	Yes		
EXP-STM32L152VB	STM32L152VB	Cortex-M3	32	128	16			Yes	Yes	Yes	2	2				No	No	No	No	No	small	JTAG, USB, trace		Yes		optional Magnetometer, LCD, game controller joystick modules
KSK-STR711-PL	STR711F	ARM7TDMI	50	256+16	64			Yes	Yes	No	3	2	Yes	No	Yes	No	Yes	No	No	No	No	Jack, JTAG	9VDC	Yes	Yes	2xSPI, 2xI2C ports
KSK-STR912-PL	STR912F	ARM966E-S	96	512+16	96			Yes	Yes	Yes	5	16	Yes	No	Yes	No	Yes	No	Yes	Yes	2X16 char	Jack, JTAG	9VDC	Yes	Yes	Mictor connector
KSK-TMPM341	TMPM341FD	Cortex-M3	40	512	32	0	0	No	Yes (pad)	No	2	1	Yes	No	No	No	No	No	No	No	No	Jack, JTAG, USB	5VDC	Yes	No	Optical encoder, USB serial converter
KSK-TMPM358-IL <i>new</i>	TMPM358FDTFG	Cortex-M3	40	512	64+16	0	0	No	Yes	No	2	8	No	No	Yes	Yes	No	No	No	No	No	Connector, JTAG, USB	5VDC	Yes	No	
KSK-TMPM364-JL	TMPM364F10FG	Cortex-M3	64	1024	64	0	0	Yes	Yes	Yes (pads)	6	8	Yes	No	Yes	Yes	No	Yes	No	No	2X16 char	JTAG, USB, JTAG OB, External	5VDC	Yes	Yes	UEXT, 9pin-JTAG/SWD connector
KSK-TMPM366	TMPM366FDFG	Cortex-M3	48	512	64	0	0	No	Yes (pad)	Yes (pads)	4	8	Yes	Yes	Yes	No	Yes	No	No	Yes	No	JTAG, USB, External	5VDC	Yes	Yes	2xUART, UEXT
KSK-TMPM369-JL	TMPM369FDFG	Cortex-M3	80	512	128	0	0	No	Yes	Yes	1	8	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	JTAG, USB, Jack	5VDC	Yes	Yes	2xUART, Joystick
KSK-TMPM370-TPL/IL	TMPM370FYDFG	Cortex-M3	80	256	10	0	0	No	Yes	Yes	4	3	No	No	No	No	No	No	No	No	No	Jack, JTAG	5VDC	Yes	Yes	Trace connector, 4 trimmers
KSK-TMPM375-IL	TMPM375FSDMG	Cortex-M3	40	64	4	0	0	Yes	Yes	No	1	3	Yes	No	Yes	No	No	No	No	No	No	Jack, JTAG	19VDC	Yes		DC brushless motor included in kit, USB-Serial
KSK-TMPM380-TPL/IL	TMPM380FYFG	Cortex-M3	40	256	16	0	2	Yes	Yes	Yes	4	8	Yes	Yes	Yes	No	Yes	No	No	Yes	No	Jack, USB, JTAG	5VDC	Yes	No	3X7-seg LED, slide volumn, USB/UART bridge
KSK-TMPR454-IL <i>new</i>	TMPR454F10TFG	Cortex-R4F	160	1MB	64+16	0	0	No	Yes	Yes	3	8	No	No	Yes	Yes	No	No	No	No	No	USB, JTAG	5VDC	Yes	No	
KSK-TWR-K64F120M-IL <i>new</i>	K64F120M	Cortex-M4	120	1MB	256	1G SDRAM	2G NAND	No	Yes	Yes	2	4	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No*	USB, JTAG	5VDC	Yes	Yes	*Extensible by other Tower modules
KSK-XMC4500	XMC4500	Cortex-M4	120	1024	160		32MBit		Yes	Yes	Yes	Yes	Yes		Yes	Yes	Yes	Yes	Yes	Yes	160x128	USB	5VDC	Yes		with HMI&COM modules

¹ Included in kit or downloadable from IAR partners' website