

ST7 Programming Board Descriptions

Release 2.3

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This file contains the list of the programming boards for the ST7 family. It also lists the devices supported by each programming board and any additional programming options available to those devices.

Note: ICP mode programming is NOT supported by the Windows Epromer (WINEE) software. You must install ST7 Visual Programmer (STVP7) in order to program devices using this programming mode.

Sales Type	Supported Packages	Supported Devices	Additional Programming Options
ST7MDT1-EPB2	SDIP32, SO28	ST72101G1 ST72101G2 ST72212G2 ST72213G1 ST72251G1 ST72251G2	
		ST72104G1 ST72104G2 ST72215G2 ST72216G1 ST72254G1 ST72254G2	ISP mode is available.
ST7MDT2-EPB2	TQFP44, SDIP42	ST72121J2 ST72121J4 ST72124J2 ST72124J4 ST72311J2 ST72311J4 ST72314J2 ST72314J4 ST72331J2 ST72331J4 ST72334J2 ST72334J4	ISP mode is available. ISP mode is available. ISP mode is available. ISP mode is available. ISP mode is available. ISP mode is available.
	SDIP56	ST72311N2 ST72311N4 ST72314N2 ST72314N4 ST72331N2 ST72331N4 ST72334N2 ST72334N4	ISP mode is available. ISP mode is available. ISP mode is available. ISP mode is available.

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Sales Type	Supported Packages	Supported Devices	Additional Programming Options
ST7MDT2-EPB2 (continued)	TQFP64	ST72311N2 ST72311N4 ST72314N2 ST72314N4 ST72331N2 ST72331N4 ST72334N2 ST72334N4 ST72532R4 ST72311R6 ST72311R7 ST72311R9 ST72512R4 ST72511R6 ST72511R7 ST72511R9	ISP mode is available. ISP mode is available. ISP mode is available. ISP mode is available.
ST7MDT4-EPB	SDIP32	ST72272K2 ST72272K4	
	SO34	ST72272K2 ST72272K4 ST7275	
	TQFP64	ST72371N4 ST72671N4 ST72671N6 ST7277	
ST7MDT5-EPB	SO34, SDIP32	ST72141	
ST7MDT6-EPB2	SO34, SDIP32	ST72C171	ISP mode is available.
ST7MDT7-EPB2	TQFP64	ST72C411	ISP mode is available.

Sales Type	Supported Packages	Supported Devices	Additional Programming Options
ST7MDT00-EPB	SO16 (300 mil) SO16 (150 mil) DIP16	ST7FLITE02/05 ST7FLITE09	ICP mode is available for all devices.
	SO20	ST7FLITE10 ST7FLITE15 ST7FLITE19 ST7FLITE20 ST7FLITE25 ST7FLITE29 ST7FDALI	
ST727X4-EPB	SO34	ST72753	
	SDIP42	ST72752 ST72774 ST72734	
	SDIP56	ST7277 ST72751	
	TQFP44	ST72774	
	TQFP64	ST7277	
ST72E55-EPB	SO28	ST7255A ST7255B	
ST72E589-EPB	QFP128, EQFP128	ST72589	
ST72E6X-EPB	SDIP32, SO34	ST72631K4 ST72632K2 ST72633K1	
ST7UD05/UD13-EPB	HiQuad64	ST7UD05 ST7UD13	
ST7MDP01-EPB	TQFP80	ST7MDP01	

Sales Type	Supported Packages	Supported Devices	Additional Programming Options
ST7MDTU2-EPB	DIP20/SO20	ST72F621F1 ST72F623F2	ICP mode is available for all devices.
	SDIP32	ST72F622K2 ST72F622K4	
	SO34	ST72F622L2 ST72F622L4	
	SDIP42/TQFP44	ST72F621J2 ST72F621J4	
ST7MDTU3-EPB	SDIP32	ST72F63BK1B1 ST72F63BK2B1 ST72F63BK4B1	ICP mode is available for all devices.
	SO34	ST72F63BK1M1 ST72F63BK2M1 ST72F63BK4M1	
ST7MDTU5-EPB	TQFP64 (10x10)	ST72F651	ICP mode is available for all devices.
	TQFP64 (14x14)	ST72F652	
ST7MDTS1-EPB	TQFP64	ST7FSCR1R4T1	ICP mode is available for all devices.
	SO24	ST7FSCR1x4M1	
ST7MDT20M-EPB	TQFP64 (14x14)	ST72F521R6 ST72F521R9 ST72F321R6 ST72F321R7 ST72F321R9	ICP mode is available for all devices.
	TQFP64 (10x10) (This socket is now mounted on the new ST7MDT20M-EPB)	ST72F521AR6 ST72F521AR9 ST72F321AR6 ST72F321AR7 ST72F321AR9	ICP mode is available for all devices. Note: The reference number for the TQFP64 (10x10) socket (If not supplied) is Yamaichi IC51-0644-807.
	TQFP80	ST72F321M9	ICP mode is available for all devices.

Sales Type	Supported Packages	Supported Devices	Additional Programming Options
ST7MDT20J-EPB	TQFP44, SDIP42	ST72F324J2 ST72F324J4 ST72F324J6	ICP mode is available for all devices.
	TQFP44	ST72F321J7 ST72F321J9	
	TQFP32, SDIP32	ST72F324K2 ST72F324K4 ST72F324K6	
ST7MDT10-EPB	SDIP32, SO28	ST72F260G1 ST72F262Gx ST72F264G2	ICP mode is available for all devices.
	DIP16, SO16, SO16 (150-mil)	ST7FLITE02/05 ST7FLITE09 ST7FLITES2/S5	
	DIP20, SO20	ST7FLITE10 ST7FLITE15 ST7FLITE19 ST7FLITE20 ST7FLITE25 ST7FLITE29 ST7FDALI	
ST72F264-EPB	SO28, SDIP32	ST72F260G1 ST72F262Gx ST72F264G2	ICP mode is available for all devices.
ST7MDT25-EPB	TQFP64 (14x14)	ST72F561R6 ST72F561R9	ICP mode is available for all devices.
	TQFP44	ST72F561J6 ST72F561J9	
	TQFP32	ST72F561K6 ST72F561K9	
ST7MDTH1-EPB	TQFP64 (10x10), TQFP44, SO34	ST7FHUB	ICP mode is available.

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<p>ST7-STICK (accessed within STVP7 under STICK name)</p> <p>ST7MDT20-DVP3</p> <p>ST7MDT10-DVP3 (The two DVP3 are accessed within STVP7 under ST7-DVP3 name)</p> <p>ST7-ICC/ADDON (accessed within STVP7 under STMIC-ICC name)</p>	<p>No Socket</p>	<p>ST72F321xx ST72F324xx ST72F521xx ST72F561xx ST7FLITES2/S5 ST7FLITE0x ST7FLITE1x ST7FLITE2x ST7FDALI ST72F260G1 ST72F262Gx ST72F264G2 ST7FHUB ST7FLCD1 ST7FMCxx</p>	<p>ONLY ICP mode available.</p>

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