Product Overview

SK-AM62-LP Design Package Content Overview

Table 1 lists names of the folders and file names in the folders along with the format for all the files that have been included in the SK-AM62-LP. SK-AM62-LP is a low-power, low cost AM62x starter kit (SK) evaluation module (SKEVM) built around the AM62x SoC (17.2mm x 17.2mm, 0.8mm pitch, 441-pin FCBGA [AMC]). The processor comprises of a quad-core 64-bit Arm®-Cortex® A53 microprocessor, single-core Arm Cortex-R5F MCU, and an Arm Cortex-M4F MCU. The product overview document is available on SK-AM62-LP product folder on TI.com for customers to review before downloading the single Zip folder.

Table 1. PROC124E2A

Folder (1st Level)	Folder (2nd Level)	Files Inside the Folder	File Type
—	—	Proc124E2A_Folders_Files_List	XLS
1_SCHEMATIC	PDF	PROC124E2A_SCH_With_Design_Updates..Notes_V1.0	PDF
	PDF: Backup_SK_Schematic	proc124e2a_sch	PDF
	—	Proc124E2A_Schematic_Revision_Readme	DOC
	ORCAD	PROC124E2A_SCH_With_Design_Updates..Notes_V1.0	DSN
	ORCAD: Backup_SK_Schematic	PROC124E2A_SCH	DSN
2_BOM	—	PROC124E2A_BOM_With_Design_Updates..Notes_V1.0	XLS
	Backup_SK_Schematic_BOM	PROC124E2A_BOM	XLS
3_Board_File	Allegro	PROC124E2_BRD	BRD
	Simulation Scorecard	AM62x_Simulations_Scorecard	PDF
	Altium_ASCII	PROC124E2_BRD	ALG
4_Gerber	ODBGBR	PROC124E2_ODBGBR	ZIP
	274X	PROC124E2_274xGBR	ZIP
	IPC-D-356_NETLIST	PROC124E2_IPC	IPC
5_Gerber_PDF	FAB	PROC124E2_FAB	PDF
	PCB LAYERS	PROC124E2_Gerber-PDF	PDF
	Gerber Layers	PROC124E2_Gerber-PDF	PDF
6_Assembly_Models_Package	2D	PROC124E2_DXF_BASY	DXF
		PROC124E2_DXF_TASY	DXF
	3D	PROC124E2A_3D_STEP	STP
	IDF	PROC124E2_BRD	EMP
		PROC124E2_BRD	EMN
	Assembly_Drawing	PROC124E2_ASSEMBLY	PDF
		PROC124E2_TASY	PDF
		PROC124E2_BASY	PDF
	STNL	art_aper + 8 x .ART files	ART
	XY-REP	PROC124E2	XLS
7_PCB_LAYER_STACKUP	—	AM62X SKEVM_STACKUP_8L-14-2-2022-[0235]	PDF
8_Power_Supply_Sequencing	—	Proc124E2A_Power_Sequence	PDF

References

- Texas Instruments, *[FAQ] AM625-Q1 / AM620-Q1 Custom board hardware design - Design and Review notes for Reuse of SK-AM62-LP Schematics* TI E2E™ support forums

Trademarks

E2E™ is a trademark of Texas Instruments.
Arm® and Cortex® are registered trademarks of Arm Limited.
All trademarks are the property of their respective owners.

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATA SHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES “AS IS” AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, regulatory or other requirements.

These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI’s products are provided subject to TI’s Terms of Sale or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI’s provision of these resources does not expand or otherwise alter TI’s applicable warranties or warranty disclaimers for TI products.

TI objects to and rejects any additional or different terms you may have proposed.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265