



PCN – ALTERNATE LEADFRAME for S3 20L SOP

Zilog, Inc.
1590 Buckeye Drive
Milpitas, CA 95035-7418

May 9, 2022

Subject: Alternate Leadframe for S3 20L SOP

Dear Valued Customer:

Due to the increased lead times of the current S3 20L SOP leadframe, Zilog has qualified an alternate leadframe. This alternative leadframe is manufactured of same material but does have a different lead finish appearance. Since the current leadframe is not EOL (End Of Life), you will be receiving two types of lead finish, NiPdAu Plating (PPF) and Sn Plating (Copper (Ag)).

	Leadframe	Lead Finish
Current Leadframe	20 SOP, 130 x 150 PPF	NiPdAu Plating
Alternate Leadframe	20 SOP, 130 x 150 Cu (Ag)	Sn Plating

Qualification for the alternate leadframe has been completed and data is attached for your information. The part numbers affected are the following:

PART NUMBERS AFFECTED	
S3F8S24XZZ-SK94	S3F94C4X51-SK94
S3F8S28XZZ-SK98	S3F94C4XZZ-SK74
S3F94C4E51-SK74	S3F94C4XZZ-SK94
S3F94C4E51-SK94	S3F94C8EZZ-SK98
S3F94C4EZZ-SK74	S3F94C8X51-SK98
S3F94C4EZZ-SK94	S3F94C8XZZ-SK98

Should you have questions regarding this matter, or need additional assistance, please contact MCUService@littelfuse.com.

Thank you for your continued interest in S3 products and services.

Sincerely,

Alan Shaw
Sr. Mgr MCU Operations
Zilog: a Littelfuse Company

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RELIABILITY TEST DATA:	REJ/SS
WIRE PULL	0/55
BALL SHEAR	0/22
DIE SHEAR	0/22
EXTERNAL VISUAL	0/125
X-RAY	0/32
CSAM	0/5
DIMENSIONAL (inch)	0/11
SOLDERABILITY	0/22
LEAD FATIGUE	0/11
PRESSURE POT (121°C, 100%RH, 2 ATM, 168 HRS)	0/60
TEMPERATURE CYCLE (-65°C, 150°C, 500X)	0/60
UNBIASED HAST (130°C, 85%, 33.3 PSIA, 96 HRS)	0/60
HTS (150°C, 500 HRS)	0/51
ZILOG QUALIFICATION REPORT	22052640

Lead Color



PPF (Surface golden color)



Copper LF (Surface Sn Color)