

The S3 Family of Microcontrollers

Zilog's new S3 Family of Microcontrollers offers fast and efficient processing, Flash memory, a wide range of integrated peripherals, and efficient register-oriented architectures designed to facilitate a multitude of low-power applications.

Zilog support for the S3 Family is segmented into a number of available parts and parts in development and line transition, plus those parts that are accorded End Of Life (EOL) status, as indicated in Tables 1 through 4.

Table 1. Available S3 Family Products

Part Number	
S3F84B8	S3F8S15
S3F8S24	S3F8S19
S3F8S28	S3F11BG
S3F94C4	S3F82NB
S3F94C8	S3F80P5
S3F8S35	S3F80PB
S3F8S39	S3F80P9

Table 2. Replacements for EOL Products

EOL Part	Replacement
S39488, S384I8, S394A5, S39228, S384U8	S3F8S45
S384I9, S384UA	S3F8S5A
S38235, S38274, S38275, S38278, S384NB, S3848A, S39234, S384VB	S38S6B
S38245, S38285, S38289, S3828B, S382I9, S384MB, S37335, S38249, S3825A, S384YB	S38S7B
S382HB, S3833B, S372P9, S372Q5, S384ZB	S38S8B
S384A5, S384H5, S384Q5, S384T5, S380N8, S380L4, S370F4, S394A5	S38S39, S38S28

Note: Replacement parts may not be drop-in compatible. Contact your local [Zilog Sales Representative](#).

Table 3. End Of Life S3 Family Products

Part Number	
S3F84ZB	S3F84VB
S3F84A5	S3F84YB
S3F84T5	S3F80K5
S3F84U8	S3F80K9
S3F84UA	S3F80KB
S3F80J9	S3F8278
S3F82HB	S3F8285
S3F833B	S3F8289
S3F84K4	S3F82I9
S3F84H5	S3F84MB
S3F80L4	S3F84P4
S3F84Q5	S3F8274
S3F84I8	S3F80JB
S3F8275	S3P8245
S3C9228	S3P8249
S3F8235	S3P72P9
S3C8245	S3P72M9
S3C8249	S3C72M9
S3F9444	S3P72Q5
S3C70F4	S3P826A
S3C72K8	S3F9498
S3C72N4	S3F94A5
S3C7335	S3P84E9
S3C9234	S3P9228
S3F9454	S3P848A
S3F9488	S3P9234
S3P70F4	S3P7335
S3P72K8	S3P825A
S3P72N4	

Table 4. S3 Family Products In Development

Part Number	
S3F80QB	S3F8S7B
S3F80Q5	S3F8S8B
S3F8S5A	S3F8S45
S3F8S6B	
S3FC40D	S3F84NB
S3F84I9	S3F828B

Customer Support

To share comments, get your technical questions answered, or report issues you may be experiencing with our products, please visit Zilog’s Technical Support page at <http://support.zilog.com>.

To learn more about this product, find additional documentation, or to discover other facets about Zilog product offerings, please visit the Zilog Knowledge Base at <http://zilog.com/kb> or consider participating in the Zilog Forum at <http://zilog.com/forum>.

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As used herein

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