

ZiLOG Z8 Comparison Guide to 80C51 Microcontrollers

OTP Memory Size (Bytes)	Philips	Atmel	Intel	ZiLOG Cross Reference
1K	87C750□	AT89C1051U□		Z86E04
2K	87C751□ 87C749□ 87C752□	AT89C2051□		Z86E08 Z86E83 Z86E83
4K	87C51□ 87C754□	AT87F51□	87C51□	Z86E142 Z86E132
8K	87C52□ 87C51FA□ 87C51RA□ 87C575□ 87C652□	AT87F52□	87C52□ 87C51FA□ 87C51RA□	Z86E143 Z86E143 Z86E143 Z86E143 Z86E143
16K	87C54□ 87C51FB□ 87C51RB□ 87C654□ 87C524□		87C54□ 87C51FB□ 87C51RB□	Z86E144 Z86E144 Z86E144 Z86E144 Z86E144
32K	87C58□ 87C51FC□ 87C51RC□ 87C528□	AT87F51RC□	87C58□ 87C51FC□ 87C51RC□	Z86E145 Z86E145 Z86E145 Z86E145
64K	87C51RD□		87C51RD□	Z86E146

These Z8 parts are function compatible, but not pin compatible with the cross referenced 87C51 product.