



February 27, 2020

Subject: Asynchronous SRAM, FRAM SOJ, TSOP 28/32 Product Supply Constraints update

Dear Valued Partner

This is an update to my previous letter dated Feb 3rd,2020 regarding the supply issues on Async SRAM and FRAM products offered in SOJ (VZ283/VZ284/VZ323/VZ324/VZ364/VZ44A) and TSOP (28/32) packages, temporarily impacted due an equipment failure at JCET, Cypress's backend Subcontractor located in China. The Cypress Subcontractor management team is still working with the JCET Engineering team to resolve the issue. This issue has attained complete visibility through the Cypress management team and specific actions are being taken to drive quick closure.

As of this writing, the issue on three SOJ packages, VZ283/VZ284 and VZ323, has been resolved as the equipment has been fixed, and production is in the process of being restored. However, resolution on the remaining packages is taking more time than expected due to component availability issues and coronavirus containment and travel restrictions.

As a result of this supply interruption, the following Async SRAM and FRAM families of products continue to be on allocation until further notice:

Biz Unit	Family	Package Code	Package Name
RAM	ASYNC	VZ324	SOJ
	ASYNC	VZ364	
	ASYNC	VZ44A	
	ASYNC	ZB32	TSOP
	ASYNC	ZT28R	
	FRAM	ZB32F	

Cypress foresees constrained supply on these products through Q1-2020, and Q22020. Cypress's allocation process is designed to be a collaboration between channel partners, end customers and Cypress. Cypress recommends that customers place their orders through their standard channel as soon as possible so Cypress can start the allocation process of reserving specific allocation buckets to service end customer demand. It is essential that channel partners place orders with Cypress, clearly identifying end customer names, as matching allocated supply/timeframes to end customers is an integral part of the decision process.

Any process that controls shipment levels is not ideal for customers or for Cypress, however, Cypress believes that this process will help minimize business interruptions at customers and meet customer demand under current circumstances.

Cypress remains committed to the RAM business and will continue to push for maximum supply to minimize supply issues for our customers.

If there are any questions, please contact your local sales representative.

Regards

Sonal Chandrashekhara
Vice President, RAM Business Unit

Part list affected :

Cypress MPN
CG7679AAT
CY62128ELL-45ZAXI
CY62128ELL-45ZAXIT
CY62128ELL-55ZAXE
CY62128ELL-55ZAXET
CY62128EV30LL-45ZAXI
CY62128EV30LL-45ZAXIT
CY62138FV30LL-45ZAXAT
CY62138FV30LL-45ZAXI
CY62138FV30LL-45ZAXIT
CY62148ESL-55ZAXI
CY62148ESL-55ZAXIT
CY62256NLL-55ZXAT
CY62256NLL-55ZXI
CY62256NLL-55ZXIT
CY62256VNLL-70ZXC
CY62256VNLL-70ZXCT
CY62256VNLL-70ZXI
CY62256VNLL-70ZXIT
CY7C1399BN-15ZXIT
CY7C199D-10ZXI
CY7C199D-10ZXIT
FM28V020-T28GTR
FM28V020-TG
FM28V020-TGTR
FM28V100-TG
FM28V100-TGTR