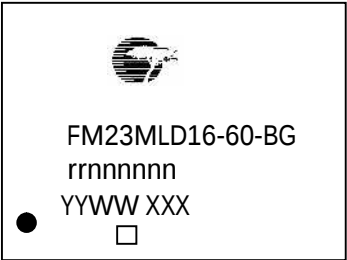
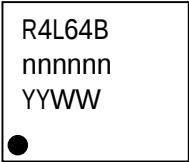
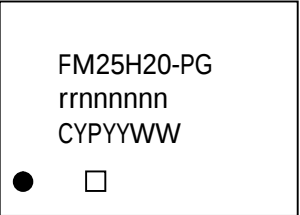
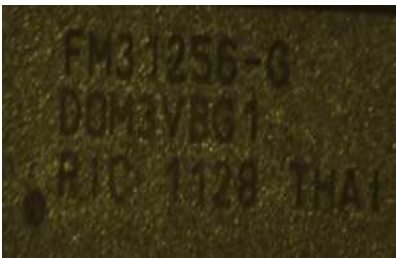
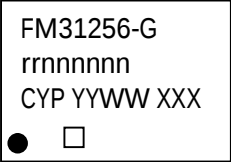
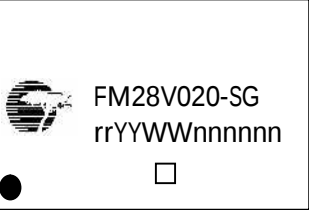
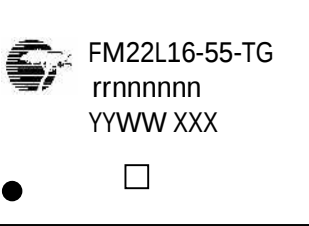
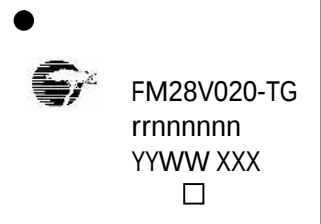


Marking Changes for Cypress F-RAM Products

Package Code (part of MPN)	Package	RAMTRON OLD MARKING	CYPRESS NEW MARKING	Definition of New Marking
BG	48-FBGA			<u>Top:</u> Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrrnnnnn where rr-BE Part rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot# <u>Row3:</u> YYWW - Date Code, XXX – Country of origin Square Mark - Lead free designator
DG	8-DFN			<u>Row1:</u> Truncated Marketing PN - No change <u>Row2:</u> nnnnnn - Cy assembly lot# <u>Row3:</u> YYWW - Date Code ➤ 3x3mm 8 lead TDFN will NOT have square mark
PG	8-PDIP			No Ramtron Logo <u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrrnnnnnn where : rr - BE Part Rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot# <u>Row3:</u> CYPYYWW – where CYP - Cypress, YYWW- Date Code Square Mark - Lead free designator

Package Code (part of MPN)	Package	RAMTRON OLD MARKING	CYPRESS NEW MARKING	Definition of New Marking
PG	28-PDIP		 FM1608B-PG rrYYWWnnnnnn 	Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrYYWWnnnnnn where: rr - BE Part Rev Code (can be 1 or 2 characters) , YYWW - Date Code, nnnnnn - Cy assembly lot# Square mark - Lead free designator
EG	8-EIAJ		 FM24V01-G rrnnnnnn CYPYYWW 	<u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrnnnnnn where; rr-BE Part rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot# <u>Row3:</u> CYPYYWW – where CYP - Cypress, YYWW - Date Code Square mark - Lead free designator
G	8-SOIC		FM24V01-G rrnnnnnn CYPYYWW 	<u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrnnnnnn where: rr - BE Part Rev Code (can be 1 or 2 characters), nnnnnn- Cy assembly lot# n <u>Row3:</u> CYPYYWW – where CYP - Cypress, YYWW- Date Code Square Mark - Lead free designator

Package Code (part of MPN)	Package	RAMTRON OLD MARKING	CYPRESS NEW MARKING	Definition of New Marking
G	14-SOIC		 FM31256-G rrnnnnnn CYP YYWW XXX	<u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrnnnnnn where : rr - BE Part Rev Code (can be 1 or 2 characters), nnnnnn- Cy assembly lot# <u>Row3:</u> CYP - Cypress, YYWW- Date Code , XXX– Country of origin Square Mark - Lead free designator
SG	28-SOIC		 FM28V020-SG rrYYWWnnnnnn	Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN - no change <u>Row2:</u> rrYYWWnnnnnn where : rr - BE Part Rev Code (can be 1 or 2 characters), YYWW - Date Code, nnnnnn- Cy assembly lot# Square Mark - Lead free designator
TG	44-TSOPII		 FM22L16-55-TG rrnnnnnn YYWW XXX	Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN - no change (new font height = 0.6mm)* <u>Row2:</u> rrnnnnnn where rr-BE Part rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot (new font height = 0.6mm)* <u>Row3:</u> YYWW - Date Code, XXX-Country of origin (new font height = 0.6mm)* Square Mark - Lead free designator

Package Code (part of MPN)	Package	RAMTRON OLD MARKING	CYPRESS NEW MARKING	Definition of New Marking
T28G	28-TSOP I			Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN same - no change <u>Row2:</u> rrrnnnnnn where rr-BE Part rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot# <u>Row2:</u> YYWW - Date Code, XXX-Country of origin Square Mark - Lead free designator
TG	32-TSOP I			Change RAMTRON logo to Cypress logo <u>Row1:</u> Marketing PN same - no change (new font height = 0.6mm) <u>Row2:</u> rrrnnnnnn where rr-BE Part rev Code (can be 1 or 2 characters), nnnnnn - Cy assembly lot (new font height = 0.6mm) <u>Row3:</u> YYWW - Date Code, XXX-Country of origin (new font height = 0.6mm)* Square Mark - Lead free designator

* The new font height change mentioned is now implemented on 32L TSOP I and 44L TSOP II.