

|                                                                                                                                                  |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| RoHS Compliant                                                                                                                                   | Y Print RoHS Certificate of Compliance |
| PB Free                                                                                                                                          | Y                                      |
| Lead/Ball Finish                                                                                                                                 | Sn/Ag/Cu                               |
| Marking                                                                                                                                          | Cypress Marking Format                 |
| <b>Package Material Declaration</b>                                                                                                              |                                        |
| <a href="#">119 - PBGA (14 X 22 MM) PB-FREE PACKAGE MATERIAL DECLARATION DATASHEET</a> <i>Last Update: Nov 10, 2016</i>                          |                                        |
| <b>IPC 1752 Material Declaration</b>                                                                                                             |                                        |
| <a href="#">IPC1752 MATERIAL DECLARATION PBGA 119 (14 X 22 MM) (BG119) - ASE - NONGREEN SUBSTRATE - AU WIRE</a> <i>Last Update: Oct 21, 2016</i> |                                        |
| <b>Device Qualification Reports</b>                                                                                                              |                                        |
| FIT/MTBF, ESD (HBM/CDM) and Latch-up data available in the Device Qualification Report.                                                          |                                        |
| <a href="#">QTP# 124902 16-mbit asynchronous sram family ull65nm (ll65up-25odr) technology, umc fab 12a.pdf</a> <i>Last Update: Sep 21, 2015</i> |                                        |

| TECHNICAL DOCUMENTS                                                                                  |
|------------------------------------------------------------------------------------------------------|
| <b>Application Notes (1)</b>                                                                         |
| <a href="#">AN6081 - Interfacing 90-nm Cypress Asynchronous SRAMs in Legacy Systems</a> Feb 18, 2018 |

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Cypress Semiconductor Corp.  
198 Champion Court  
San Jose, CA 95134 USA  
Tel: +1-408-943-2600

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+1-800-541-4736  
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