

PRODUCT CHANGE NOTIFICATION COVERSHEET

CTS Part Number:		RT2xxxxx, RCxxxxx xx Part Number Formats	Product Description:	ClearONE BGA Resistor Network
Customer:	Various		Customer Part Number:	Various
Change Notification Only - No Customer Response Required Customer Authorization Required - Please Confirm Acceptance by E-Mail				
Reaso	on for PCN:		e statement for several condu IE resistor network product.	ctive thick film pastes used in
Description fo	or Change:	everal conductive thick film pastes currently used are extremely dated and have ome to the end of their useful life. DuPont has recommended replacements that re equivalent alternatives.		
		Current Material QS171 QS170	Replacement Material QR171 5081R	
Change Instructions:		Based on current conductor paste inventories and product usage, CTS plan is to transition to replacement materials by 12/1/2018. CTS can advise date code details for first lot using new conductor materials.		
		CTS ISR/CSR team will s activity.	upport issuing customer notif	ications for conductive change
		•	ers listed on next page. Cust recorded that are not contain	
Implementa	ation Date:	Immediate. Factory will be fully implemented by		ring months of November and
	Notes:	Change does not affect f upon request.	form-fit-function of device. C	ualification data is available
ст	S Contact: E-Mail: Phone:	Daniel.Oh@ctscorp.cor	<u>n</u>	

CTS Approvals: CTS internal PCN w/ electronic signatures.



Platforms and Part Numbers Affected

CTS Part Number CTS Part Number CTS Part Number RT1400B7TR7 RT1432B7 BM000 BM30718 (RT1300B6 DO NOT ORDER) RT1401B6TR7 RT1432B7PTR7 BM472 RT1401B7TR7 RT1432B7TR7 BM92054 (RC3003B6) RT1402B6 RT1433B6TR7 BM92113 (RC3004B6) RT1402B6PTR7 RT1435B6TR7 RC3002B6TR7 RT1402B6TR7 RT1435B7TR7 RC3002B7 RT1402B7 RT1436B6TR7 RC3002B7TR13 RT1402B7P RT143B7PTR7 RC3002B7TR7 RT1402B7PTR7 RT1443B7 RC3003B6 RT1402B7TR13 RT1450B6TR7 RC3005B6 RT1402B7TR7 RT1451B6TR7 RC3005B6TR13 RT1403B6PTR7 RT1452B6TR7 RC3005B6TR7 RT1403B6TR7 RT1453B6 RC3007B6TR7 RT1403B7TR7 RT1453B6TR7 RC3008B7 RT1404B6PTR7 RT1454B6TR7 RC4005B6TR7 RT1404B6TR7 RT1460B6TR7 RT102B7TR7 RT1404B7 RT1460B7TR7 RT104B7TR7 RT1404B7P RT1463B6 RT118B7TR7 RT1404B7PTR7 RT1463B6TR7 RT1200B7 RT1404B7TR13 RT1463B7 RT1200B7P RT1404B7TR7 RT1463B7PTR7 RT1200B7TR7 RT1405B6PTR7 RT1463B7TR7 RT1201B7 RT1405B6TR7 RT1465B6TR7 RT1201B7P RT1405B7 RT1465B7 RT1201B7PTR7 RT1405B7P RT1465B7TR7 RT1405B7PTR7 RT1201B7TR13 RT1466B7TR7 RT1201B7TR7 RT1405B7TR7 RT1467B7TR7 RT1202B7 RT1406B7TR7 RT1468B7TR7 RT1202B7TR7 RT1407B6 RT1469B6TR7 RT1203B7 RT1407B6PTR7 RT1470B7TR7 RT1203B7TR7 RT1407B6TR7 RT1471B7TR7 RT1472B7TR7 RT1205B7TR7 RT1407B7 RT1210B7 RT1407B7PTR7 RT1473B7TR7 RT1210B7TR7 RT1407B7TR7 RT1474B7TR7 RT1210WB7 RT1408B6 RT1476B7TR7 RT1210WB7TR13 RT1408B6PTR7 RT1493B7TR7 RT1210WB7TR7 RT1408B6TR7 RT1500B7TR7 RT1408B7 RT1211B7 RT1505B7TR7 RT1408B7PTR7 RT1211B7TR13 RT1510B7TR7 RT1408B7TR13 RT1211B7TR7 RT1710B6PTR7 RT1220B7TR7 RT1408B7TR7 RT1710B6TR7 RT1230B7TR7 RT1410B6TR7 RT1710B7 RT1232B7TR7 RT1411B6TR7 RT1710B7PTR7 RT1235B7 RT1412B6TR7 RT1710B7TR7 RT1235B7TR7 RT1412B7TR7 RT1722B7TR7 RT1236B7TR7 RT1413B7TR13 RT2200B7TR7 RT1250B6TR7 RT1413B7TR7 RT2201B7 RT1250B7TR7 RT1415B7 RT2201B7TR7 RT1250B7TR7A RT1415B7TR7 RT2202B7TR7 RT128B7TR7 RT1416B7 RT2203B7TR7 RT1300B6 RT1416B7TR7 RT2205B7TR7 RT1300B6PTR7 RT1417B6TR7 RT2232B7TR7 RT1300B6TR13 RT1417B7TR7 RT2235B7TR7 RT1300B6TR7 RT1418B6TR7 RT2250B7TR7 RT130B7 RT1418B7 RT2300B6 RT130B7TR7 RT1418B7TR7 RT2300B6TR13 RT134B7TR7 RT141B6TR7 RT2300B6TR7 RT139B6TR7 RT1427B6TR7 RT230B7TR7 RT1400B6 RT142B7TR7 RT239B6TR7 RT1400B6PTR7 RT1430B6 RT2400B6TR7 RT1400B6TR7 RT1430B6TR7 RT2400B7TR7 RT1400B7 RT1430B7 RT2401B7TR7 RT1400B7P RT1430B7TR7 RT2402B6TR13 RT1400B7PTR7 RT1432B6TR7 RT2402B6TR7

RT2402B7 RT2402B7PTR7 RT2402B7TR13 RT2402B7TR7 RT2403B7TR7 RT2404B6TR7 RT2404B7 RT2404B7PTR7 RT2404B7TR7 RT2405B6TR7 RT2405B7TR7 RT2407B6TR7 RT2407B7 RT2407B7TR7 RT2408B7 RT2408B7PTR7 RT2408B7TR7 RT2409B7TR7 RT2410B7TR7 RT2415B6TR7 RT2415B7TR7 RT2415B7TR7-16 RT2416B7TR7 RT2417B6TR7 RT2417B7TR7 RT2418B6TR7 RT2418B7TR7 RT2419B7TR7-16 RT2427B6TR7 RT2430B7 RT2430B7TR7 RT2432B7TR7 RT2435B7TR7 RT2453B6TR7 RT2460B7 RT2460B7TR7 RT2463B6TR7 RT2463B7TR7 RT2465B6TR7 RT2465B7TR7 RT2467B7TR7 RT2468B7TR7 RT2476B7TR7 RT2710B6TR7 RT2710B7TR7 RT2722B7TR7 RT2723B7TR7

CTS Part Number

RT1xxxxx [generic part number format] RT2xxxxx [generic part number format] RCxxxxx [generic part number format] BMxxxx [generic special part number format]