

6.8.4 Microwave Monolithic Integrated Circuits (MMIC)

Transistors, Microwave, GaN HEMT, Unmatched Power Bar in Metal Ceramic Package based on type CHKxxxx-Syx				388																
Procurement Specifications	Manufacturer	Nature of Approval	Supervising Authority	Initial Qualification Date																
Generic ESCC 5010	United Monolithic Semiconductors Villebon sur Yvette France	Qualification	CNES	Mar 2024																
Detail ESCC 5614/009		Remarks																		
<p>The Technology Flow is described into the current QML document (REP006).</p> <p>The qualified range includes variants 01, 02, 03 (ESCC 5614/009):</p> <table border="1"> <thead> <tr> <th>Variant Number</th> <th>Based on Type</th> <th>Number of Transistors</th> <th>Case</th> </tr> </thead> <tbody> <tr> <td>01</td> <td>CHK8101-SYC</td> <td>1</td> <td>Ceramic-Metal, Flanged, Type C</td> </tr> <tr> <td>02</td> <td>CHK8201-SYA</td> <td>2</td> <td>Ceramic-Metal, Flanged, Type A</td> </tr> <tr> <td>03</td> <td>CHKA012bSYA</td> <td>1</td> <td>Ceramic-Metal, Flanged, Type A</td> </tr> </tbody> </table> <p>Displacement Damage and Single Event Effects information are specified in APPENDIX B of Detail specification 5614/009</p> <p>Operating Temperature Range (°C): -40 to +85</p>					Variant Number	Based on Type	Number of Transistors	Case	01	CHK8101-SYC	1	Ceramic-Metal, Flanged, Type C	02	CHK8201-SYA	2	Ceramic-Metal, Flanged, Type A	03	CHKA012bSYA	1	Ceramic-Metal, Flanged, Type A
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