Product Detail Information

Product Group	Multilayer Capacitor Chips and Arrays
Ordering Code	CC0805KRX7R8BB823
Ordering Code	223891015648
Unified CTC	C0805KRX7R8BB823
Additional Product Code	08052R823K8B20D
Description	General purpose, 0805, X7R, 82nF, 10%, 25V, 7" paper
Status	Standard
Series	General Purpose
Size Code	0805
Capacitance Tolerance	+-10%
Packing Style	Paper Tape & 180mm (7") Reel
Dielectric Material (TC)	X7R
Rated Voltage	25V
Capacitance	82 nF

Related Data Sheets, Catalogs and Application Notes:

Datasheet - General purpose & High Cap MLCC, X7R 6.3V to 50V, Rev.2 [434 kb]

Datasheet - MLCC introduction, Rev.10 [275 kb]

Datasheet - MLCC general data of packing, labelling, mounting, tests & requirements; Rev.10 [415 kb]

Datasheet - MLCC quality flowchart, Rev.5 [119kb]

Yageo Passive Components 2009 [3.86 mb]

Product Selection Guide 2009 [1.74 MB]

Material declaration MLCCs type X7R, [85 kb]

Environmental declaration

Appl. note - DC, AC and Pulse load of Multilayer Ceramic Capacitors [308 kb]

MLCC sample kits [177 kb]

Appl. manual - MLCC application manual [577 kb]

Calculation tool - MLCC Spice Data

General info - Standard Values in a Decade [8.39 kb]

Requirements, Rev.7 [158 kb]

For optimal printing of Data sheets print from page 2 of the PDF.

Note Clear Text Codes in the data sheets can differ from the Clear Text Codes displayed above. The CTC displayed above is a new code which has been introduced to align product codes in the complete Yageo organisation. You can search products with the CTC displayed in the data sheet by using the competitor part number search function.

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