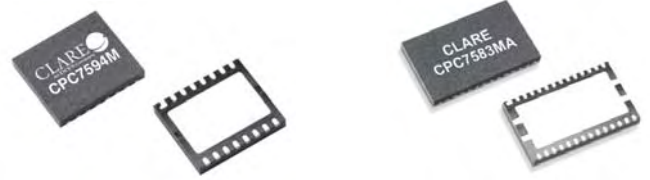# Line Card Access Switch (LCAS) DFN Package Products

With the introduction of the DFN Package, the same functionality and performance now comes at a fraction of the size and makes 32 channel (or greater) line cards a reality. Even compared to fourth generation EMRs, these DFNs offer a dramatic area and height savings of 65% and 80% respectively. All LCAS versions listed below are available in the DFN package. The last digit in the part number indicates the logic version and is the same for both the DFN and SOIC versions.

Part Number	Package	W mm	L mm	H mm	Area mm^2	# of EMRs LCAS replaces	Area Savings vs EMRs
CPC7591Mx	16DFN	6	7	0.9	42	1	43%
CPC7592Mx	16DFN	6	7	0.9	42	2	71%
CPC7593Mx	28DFN	7	11	0.9	77	3	65%
CPC7594Mx	16DFN	6	7	0.9	42	2	71%
CPC7595Mx	28DFN	7	11	0.9	77	3	65%

Block Diagram