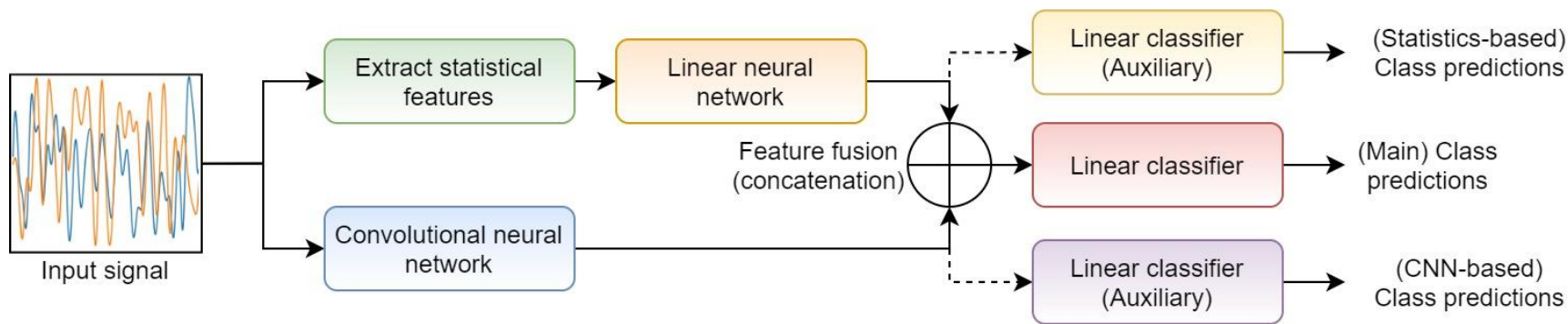
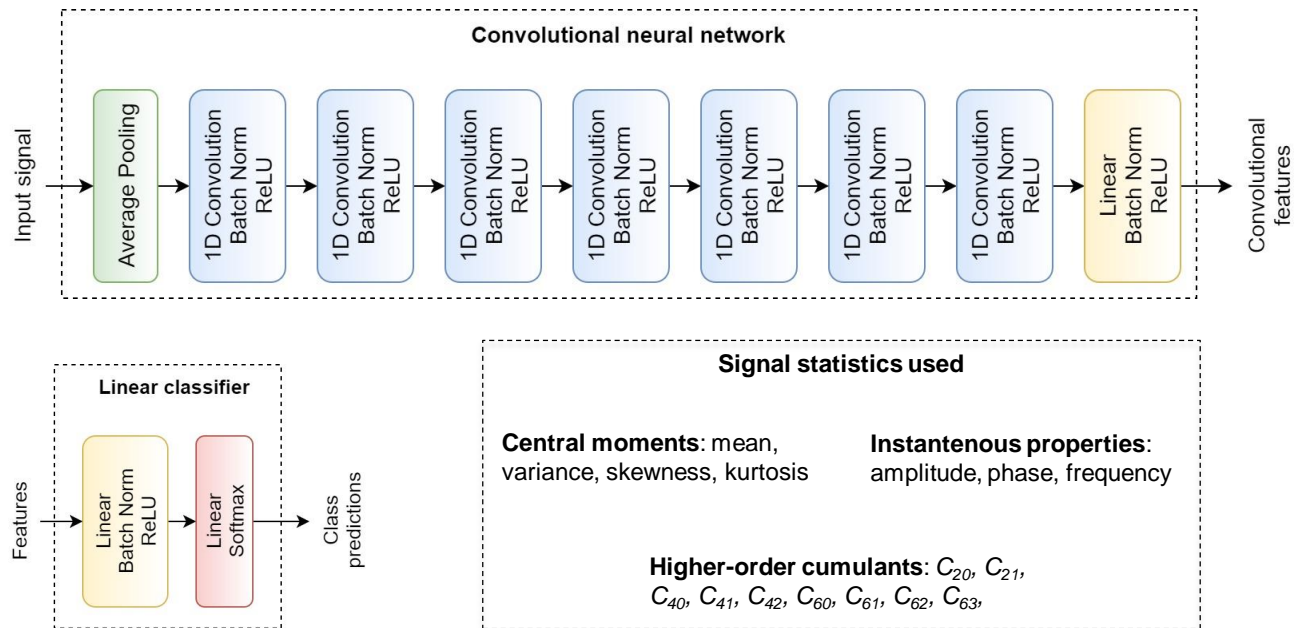


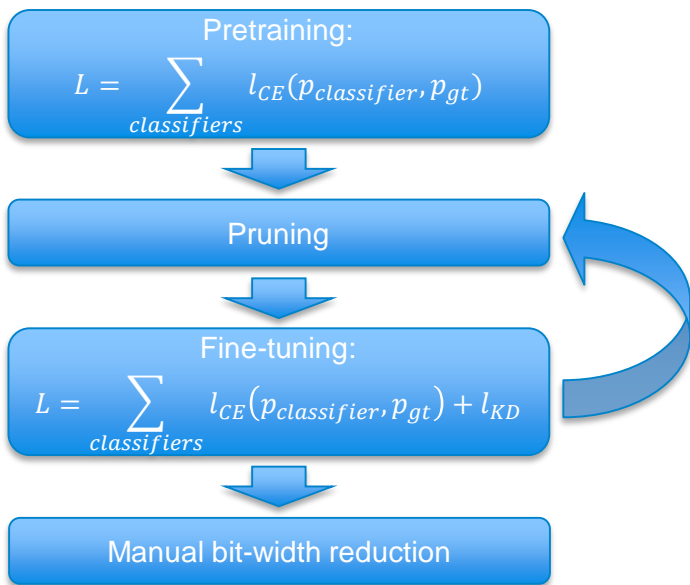
Lightning-Fast Modulation Classification with Hardware-Efficient Neural Networks



Architecture details and signal preprocessing



Training steps and results



Model	Accuracy	BitOps	BitMem	Final score
Baseline	59.47%	807699904	1244936	1.0
8 bits + pruning	60.42%	79588160	819328	0.378
6 bits + pruning	58.34%	30614424	312204	0.144
6 bits + pruning + bit reduction	56.40%	21084790	242983	0.1106