

Narrowband RF Transceiver

Part Number	Channels	Data width (Bit)	Frequency (MHz)	ADC Max Sample Rate (GSPS)	DAC Max Sample Rate (GSPS)	ADC SFDR (dBc)	ADC NSD (dBm/Hz)	DAC SFDR (dBc)	DAC NSD (dBm/Hz)	Interface	Interface Speed (Gbps/lane)	Compatible PN	Grade	Package
HY8242KA	3Rx/2Tx	14	10-6000	3	12	80	-151	85	-161	JESD204B/C	4-25	ADRV9009/ AD9689+AD9172	I	Plastic FCBGA 12mm×12mm
HY8242KAN	3Rx/2Tx	14	10-6000	3	12	80	-151	85	-161	JESD204B/C	4-25	ADRV9009/ AD9689+AD9172	N1	Plastic FCBGA 12mm×12mm
HY8142	2Rx/2Tx	14	DC-15000	0.75	3	84	-152	80	-160	JESD204B	4-15	AD9680+AD9154	I	Plastic FCBGA 11mm×11mm
HY8142N	2Rx/2Tx	14	DC-15000	0.75	3	84	-152	80	-160	JESD204B	4-15	AD9680+AD9154	N1	Plastic FCBGA 11mm×12mm