

5755 – Comparison with 5752 Receiver

The CEL 5755 receiver will be a replacement for the CEL 5752 in the US market. The FCC ID of LQN5752 is already assigned to the CEL 5752 receiver.

The 5755 receiver differs from the 5752 receiver by the following ways:

- (a) The addition of a front-end pre-amplifier (Q5 and associated components) in order to improve the receiver's sensitivity.
- (b) The front-end SAW filter F1 is changed to a smaller device that also has better stop-band rejection.
- (c) The addition of a diode D2 that boosts sensitivity when a valid message starts to be received.

Otherwise, both circuits are the same. In particular, the emissions sources are identical in both receiver types.

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4th May 2004