

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

May 22, 2024

Melanie Cibik
EVP, General Counsel, Chief Compliance Officer and Secretary
TELEDYNE TECHNOLOGIES INCORPORATED
1049 Camino Dos Rios
Thousand Oaks, CA 91360-2362

Re: TELEDYNE TECHNOLOGIES INCORPORATED Form 10-K for the Fiscal Year Ended December 31, 2023 Filed February 23, 2024 File No. 001-15295

Dear Melanie Cibik:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance Office of Manufacturing