

	<b>UNIVERSITAS TELKOM</b>	No. Dokumen	
	<b>Jl. Telekomunikasi No. 1 Ters. Buah Batu Bandung 40257</b>	No. Revisi	
	<b>FORMULIR LEMBAR PENGESAHAN TUGAS AKHIR</b>	Berlaku efektif	

## **ENDORSEMENT LETTER UNDERGRADUATE**

### **THESIS**

***DESIGN PRODUCT SPECTRUM  
ANALYZER USING ARDUINO TO  
ANALYZE  
SIGNAL SPECTRUM IN 32-BAND AUDIO***

**It has been approved and  
ratified as Undergraduate  
Thesis Bachelor Degree  
of Telecommunication Engineering School of Electrical  
Engineering Telkom University Bandung**

**Prepared by:**

**Matahari**

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**Bandung, August 2020**

**Approved by**

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