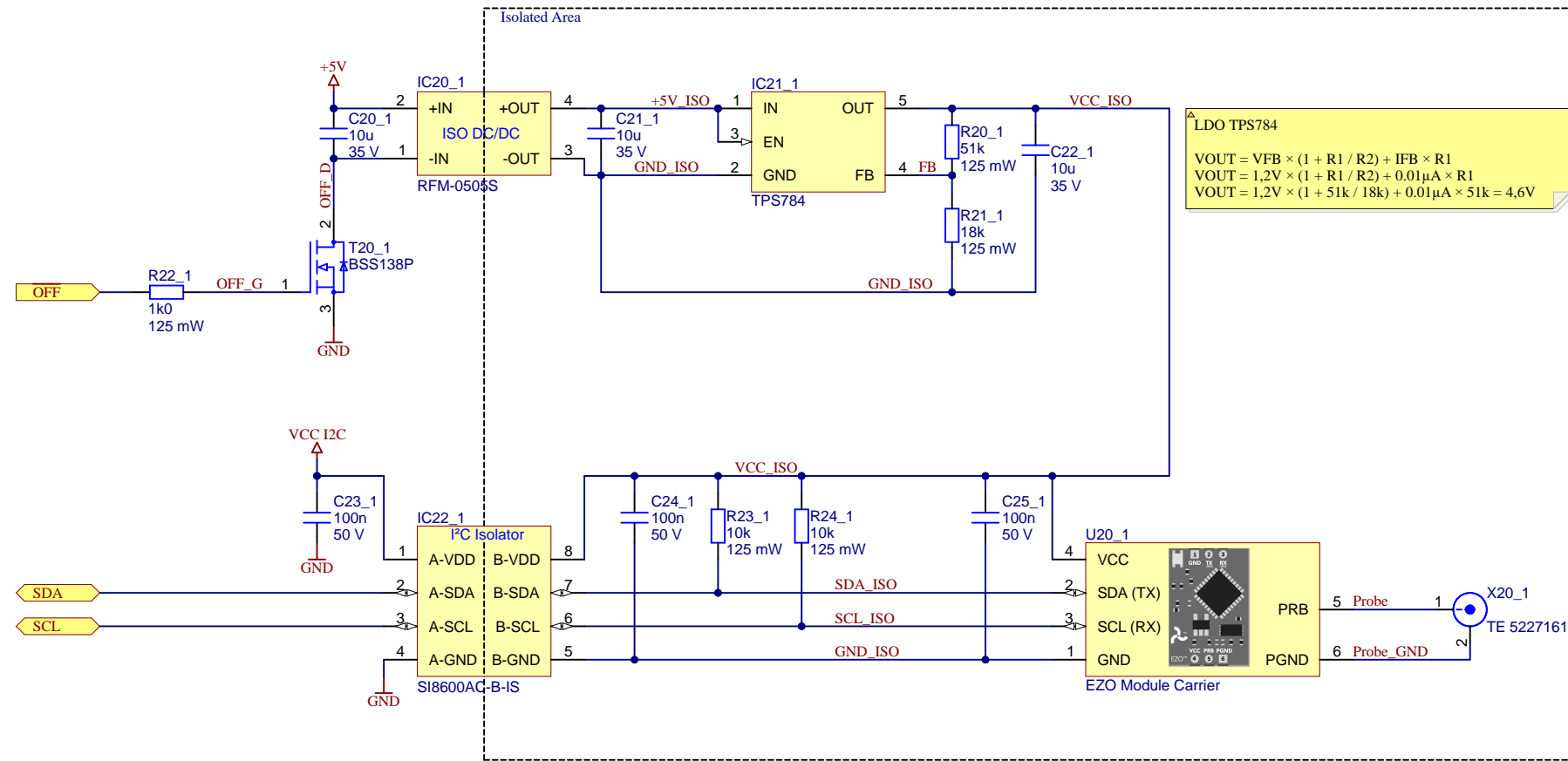


if not defined especially:
 Resistors: ± 1%, TC = ±125 ppm/°C
 Capacitors: X7R, ± 10%, 50V DC
 Temperature range of all devices: at least -40°C to +85°C

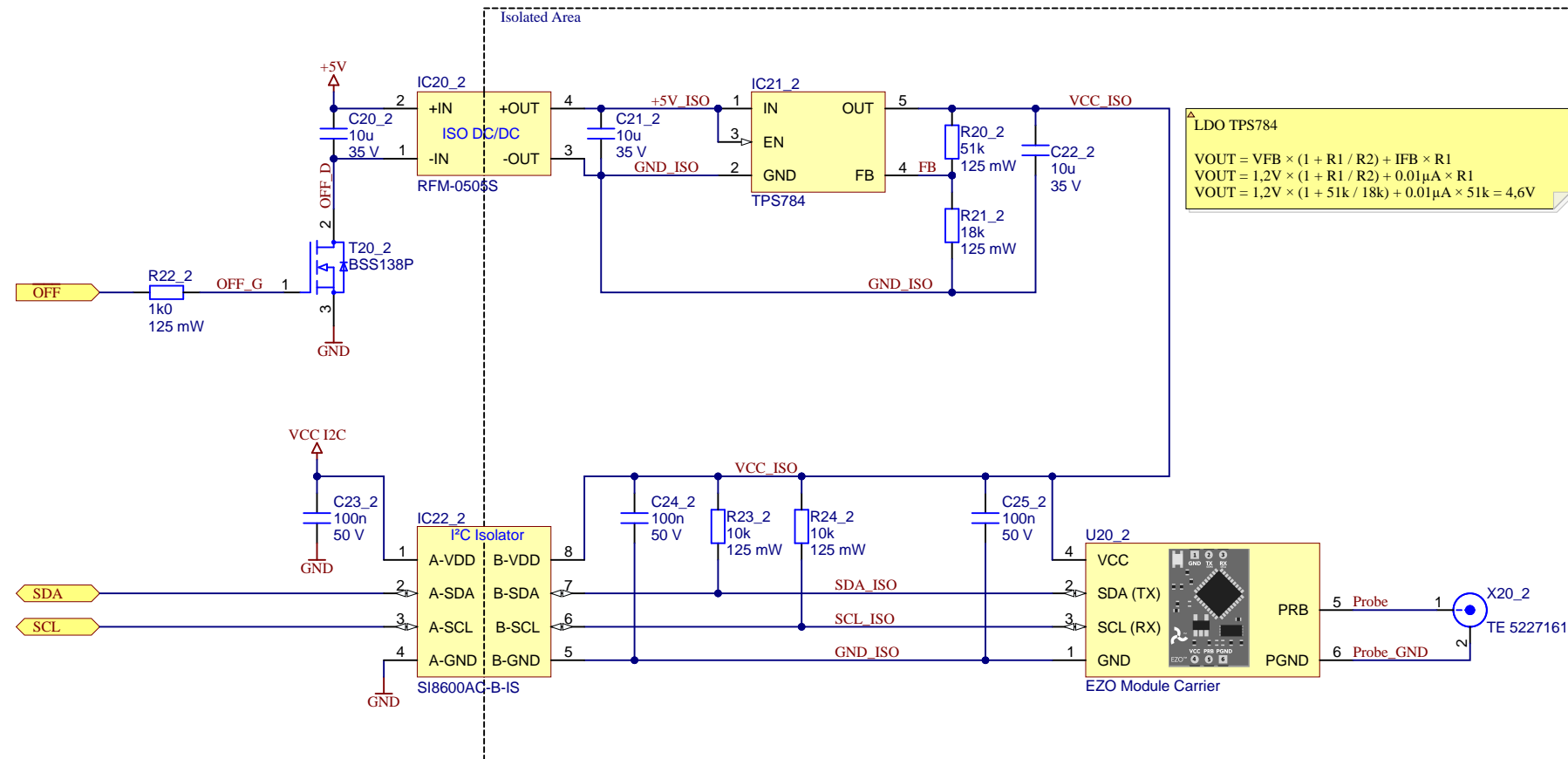
Benennung/title					Projektnummer/project number		Revision/revision	
Overview					-		Unknown revision	
Iso-EZO-Carrier.PrjPcb					-		Unknown revision	
Größe/size	A3	Datum/date	Name/name	System/system	System Ver./sys. ver.	Variante/variant		Status/state
Erstellt/creat.	23.06.2023	19.07.2023	Leitner	Altium Designer	22.10.1 (Build 41)	default		Prototype
Bearb./auth.	19.07.2023		Leitner			Dokumentenart/doc. type		Blatt/sheet
Pruef./check.	-	-	-	Schutzvermerk DIN ISO 16016 beachten/ refer to protection notice DIN ISO 16016		Dokumententyp/doc. type	Version/ver.	Datum/date
Freig./rel.	-	-	-	Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject to the approval of the design department		Schematic	V1.0	20.07.2023
								1 of 4
								A3_Landscape_V3.0



$V_{OUT} = V_{FB} \times (1 + R1 / R2) + I_{FB} \times R1$
 $V_{OUT} = 1.2V \times (1 + R1 / R2) + 0.01\mu A \times R1$
 $V_{OUT} = 1.2V \times (1 + 51k / 18k) + 0.01\mu A \times 51k = 4.6V$

if not defined especially:
 Resistors: $\pm 1\%$, TC = ± 125 ppm/ $^{\circ}C$
 Capacitors: X7R, $\pm 10\%$, 50V DC
 Temperature range of all devices: at least $-40^{\circ}C$ to $+85^{\circ}C$

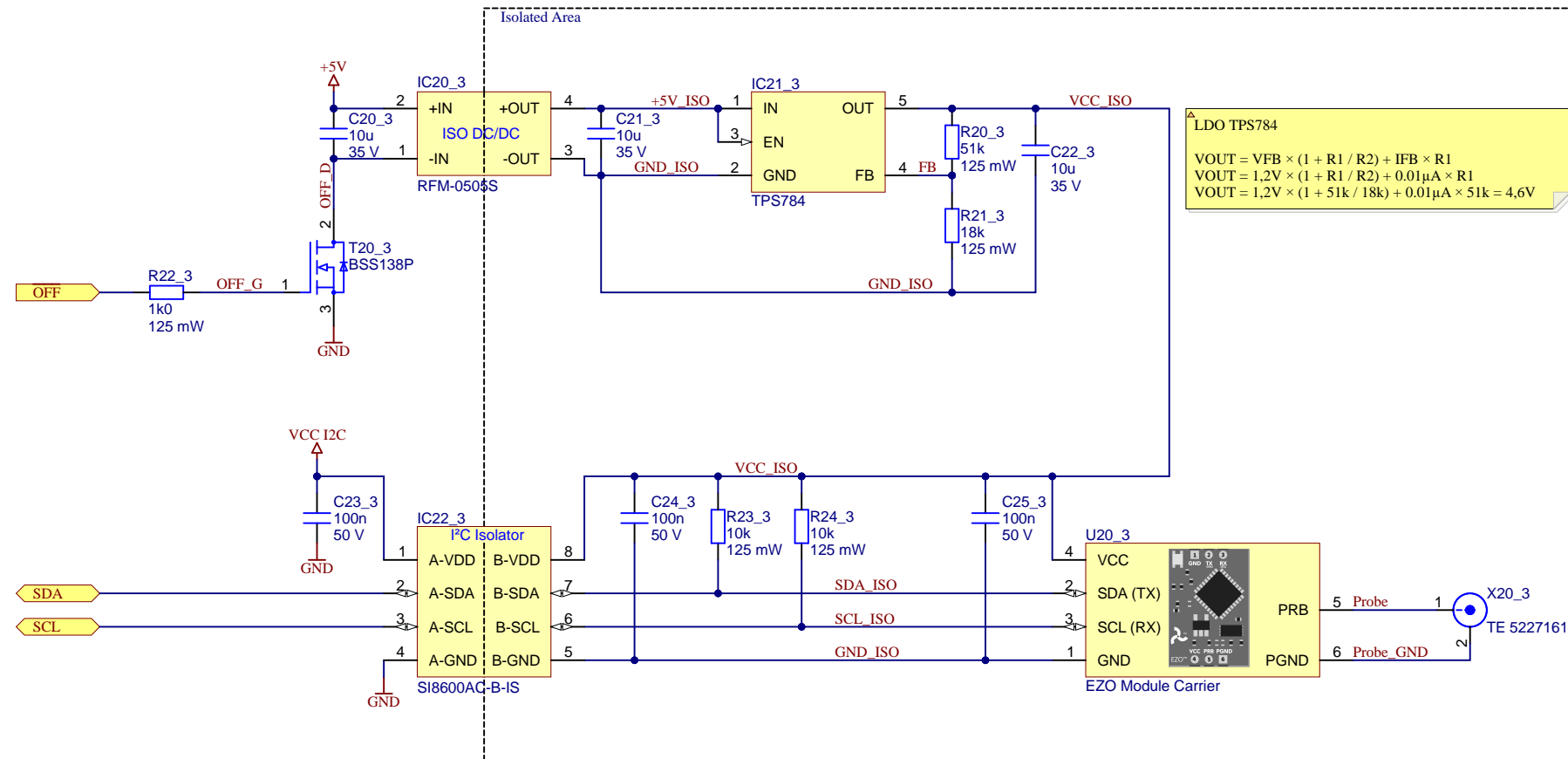
Benennung/title					Projektnummer/project number		Revision/revision	
Isolated EZO carrier					-		Unknown revision	
Iso-EZO-Carrier.PrjPcb					-		-	
Größe/size	A3	Datum/date	Name/name	System/system	System Ver./sys. ver.	Variante/variant	Status/state	
Erstellt/creat.		23.06.2023	Leitner	Altium Designer	22.10.1 (Build 41)	default	Prototype	
Bearb./auth.		19.07.2023	Leitner					
Pruef./check.		-	-	Schutzvermerk DIN ISO 16016 beachten/ refer to protection notice DIN ISO 16016		Dokumentenart/doc. type	Version/ver.	Datum/date
Freig./rel.		-	-	Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject to the approval of the design department		Schematic	V1.0	20.07.2023
							Blatt/sheet	2.1of 4
								A3_Landscape_V3.0



$V_{OUT} = V_{FB} \times (1 + R1 / R2) + I_{FB} \times R1$
 $V_{OUT} = 1,2V \times (1 + R1 / R2) + 0,01\mu A \times R1$
 $V_{OUT} = 1,2V \times (1 + 51k / 18k) + 0,01\mu A \times 51k = 4,6V$

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Benennung/title					Projektnummer/project number		Revision/revision	
Isolated EZO carrier					-		Unknown revision	
Iso-EZO-Carrier.PrjPcb					-		-	
Größe/size	A3	Datum/date	Name/name	System/system	System Ver./sys. ver.	Variante/variant		Status/state
Erstellt/creat.		23.06.2023	Leitner	Altium Designer	22.10.1 (Build 41)	default		Prototype
Bearb./auth.		19.07.2023	Leitner					
Pruef./check.		-	-	Schutzvermerk DIN ISO 16016 beachten/ refer to protection notice DIN ISO 16016		Dokumentenart/doc. type	Version/ver.	Datum/date
Freig./rel.		-	-	Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject to the approval of the design department		Schematic	V1.0	20.07.2023
								Blatt/sheet
								2.2 of 4
								A3_Landscape_V3.0



$V_{OUT} = V_{FB} \times (1 + R1 / R2) + I_{FB} \times R1$
 $V_{OUT} = 1,2V \times (1 + R1 / R2) + 0,01\mu A \times R1$
 $V_{OUT} = 1,2V \times (1 + 51k / 18k) + 0,01\mu A \times 51k = 4,6V$

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Benennung/title					Projektnummer/project number		Revision/revision	
Isolated EZO carrier					-		Unknown revision	
Iso-EZO-Carrier.PrjPcb					-		-	
Größe/size	A3	Datum/date	Name/name	System/system	System Ver./sys. ver.	Variante/variant	Status/state	
Erstellt/creat.		23.06.2023	Leitner	Altium Designer	22.10.1 (Build 41)	default	Prototype	
Bearb./auth.		19.07.2023	Leitner					
Pruef./check.		-	-	Schutzvermerk DIN ISO 16016 beachten/ refer to protection notice DIN ISO 16016		Dokumentenart/doc. type	Version/ver.	Datum/date
Freig./rel.		-	-	Keine Aenderung ohne Zustimmung der federfuehrenden Konstruktion/any alterations are subject to the approval of the design department		Schematic	V1.0	20.07.2023
							Blatt/sheet	2.3of 4
								A3_Landscape_V3.0