37mA @ 1.5V
Points Display Tens Left

MEC1

Ynvisible 7Seg 184mm

37mA @ 1.5V
Points Display Ones Left

MEC2

Ynvisible 7Seg 184mm

28mA @ 1.5V
Sets Display Left

MEC3

Ynvisible 7Seg 80mm

28mA @ 1.5V
Sets Display Right

MEC4

Ynvisible 7Seg 80mm

37mA @ 1.5V
Points Display Tens Right

MEC5

Ynvisible 7Seg 184mm

37mA @ 1.5V
Points Display Ones Right

MEC6

Ynvisible 7Seg 184mm

J2
F52R-1A7H1-11008

J3
F52R-1A7H1-11008

J4
F52R-1A7H1-11008

J5
F52R-1A7H1-11008

J6
F52R-1A7H1-11008

J7
F52R-1A7H1-11008

J1

1	EP_COM_TL
2	EP_COM_OL
3	EP_COM_SL
4	EP_COM_SR
5	EP_COM_TR
6	EP_COM_OR
7	EP_SEG_F
8	EP_SEG_E
9	EP_SEG_A
10	EP_SEG_D
11	EP_SEG_G
12	EP_SEG_C
13	EP_SEG_B
14	
15	
16	

FPC 16P 1mm

Connects to
WSBD Board

Module:	Overview	Size:	A4
Project:	Wireless ScoreBoard	Sub-Project:	Display FPC
Sheet:	1 / 1	Author:	Joel Schaller
Revision:	1.0	Date:	22.03.2024
File:	Overview.SchDoc		

ETH zürich

Fitted	Designator	Comment	Value	Description	Manufacturer	Manufacturer Part Number	Supplier	Supplier Part Number	Quantity
Fitted	J2, J3, J4, J5, J6, J7	F52R-1A7H1-11008		CONN FPC TOP 8POS 1mm	Amphenol ICC (FCI)	F52R-1A7H1-11008	Digi-Key	609-F52R-1A7H1-11008CT-ND	6
Fitted	MEC1, MEC2, MEC5, MEC6	Ynvisible 7Seg 184mm		EMECH SINGLE EPAPER 7SEG 184MM	Ynvisible	LARGE E-PAPER DISPLAY – SINGLE DIGIT 184MM	Ynvisible Shop	SINGLE DIGIT 184MM	4
Fitted	MEC3, MEC4	Ynvisible 7Seg 80mm		EMECH SINGLE EPAPER 7SEG 80MM	Ynvisible	LARGE E-PAPER DISPLAY – SINGLE DIGIT 80MM	Ynvisible Shop	SINGLE DIGIT 80MM	2