

CABLE A

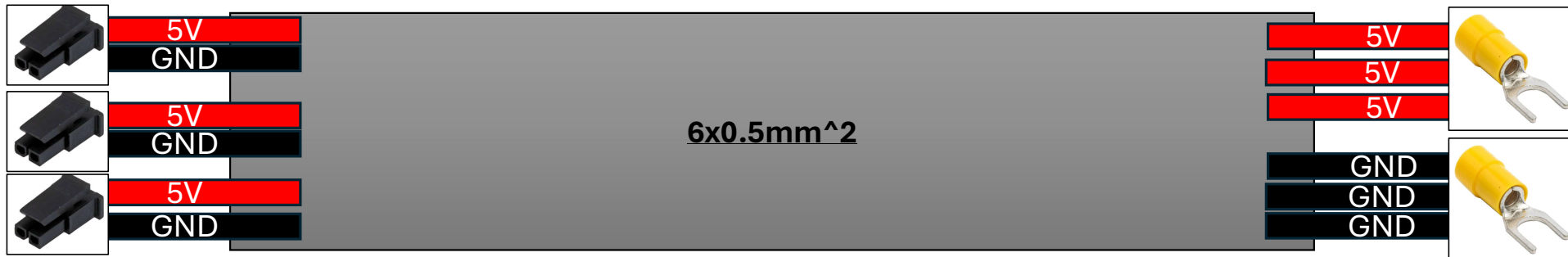
3 x Microfit 2-Way Dual Row
to
Buck Converter (Spade)



Microfit Female Pin inside male housing
1 5V and 1 GND wire to microfit 2 way DR



Fork Lug 3B
3x 5V wires to one spade
3x GND wires to one spade

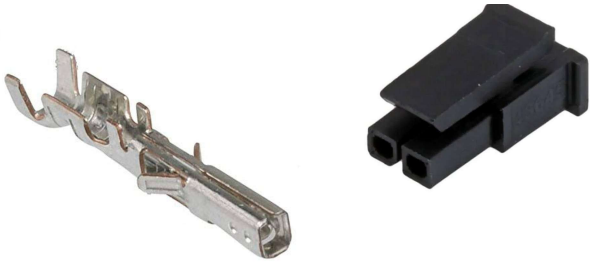


CABLE LENGTH 20cm

QUANTITY: 1



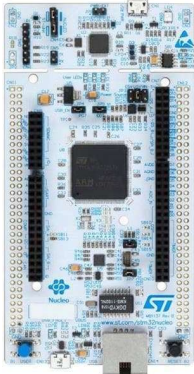
Cable	Label
1	12V
2	GND



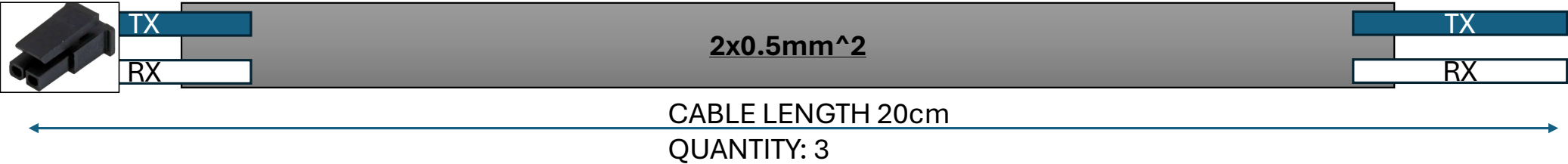
Microfit Female Pin inside Male housing
(Both TX and RX in the housing)

CABLE B

Microfit
To
STM32 Development Board
(Soldered)



Soldered to STM32
Development Board



Cable	Label
1	RX
2	TX



All 4 wires inside
amphenol ATM 04-4P
male connector with
female pins

CABLE C

ATM 04-4P
to
2 x Microfit 2-Way Dual Row



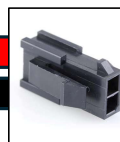
Microfit 2 way DR
1x 5V and 1x GND wires to one microfit
1x TX and 1x RX wires to one microfit



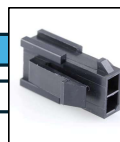
5V
GND
TX
RX

4x0.5mm²

5V
GND

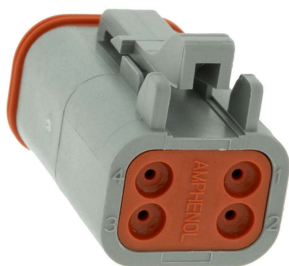


TX
RX



CABLE LENGTH 35cm

QUANTITY: 3



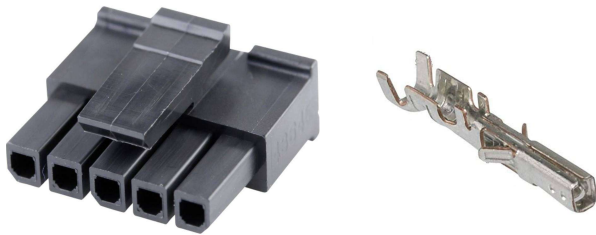
Cable	Label
1	5V
2	GND
3	TX
4	RX



Cable	Label
1	12V
2	GND



Cable	Label
1	TX
2	RX



All 4 wires inside
Microfit 5 WAY SR
male connector with female pins

CABLE D

Microfit 5 WAY SR
to
ATM 04-4P



All 4 wires inside
Amphenol ATM 04-4P
Female connector with
Male pins



5V
GND
TX
RX

4x0.5mm²

5V
GND
TX
RX



CABLE LENGTH 20cm

QUANTITY: 3

43645-0500(FEMALE)



1 5
Microfit SR 5W Recp

Cable	Label
1	5V
2	GND
3	TX
4	RX
5	Empty



Cable	Label
1	5V
2	GND
3	TX
4	RX



Soldered to Qorvo DWM1001
Development board

CABLE E

STM32 Development Board
(Soldered)
to
Microfit 5 WAY SR



All 4 wires inside
Microfit 5 WAY SR
Female connector with
Male pins



CABLE LENGTH 10cm

QUANTITY: 3



Cable	Label
1	5V
2	GND
3	TX
4	RX
5	Empty



Microfit Female Pin inside male housing
1 5V and 1 GND wire to microfit 2 way DR



Cable	Label
1	12V
2	GND



12V
GND



12V



GND

shielded control cable 4x0.5mm² i-wire

12V
12V
GND
GND



CABLE LENGTH 20cm

QUANTITY: 1

CABLE F



phoenix contact
sacc-m12frt-4con-pg11-M 1408989



Fork Lug 3B
1x 12V wires to one spade
1x GND wires to one spade

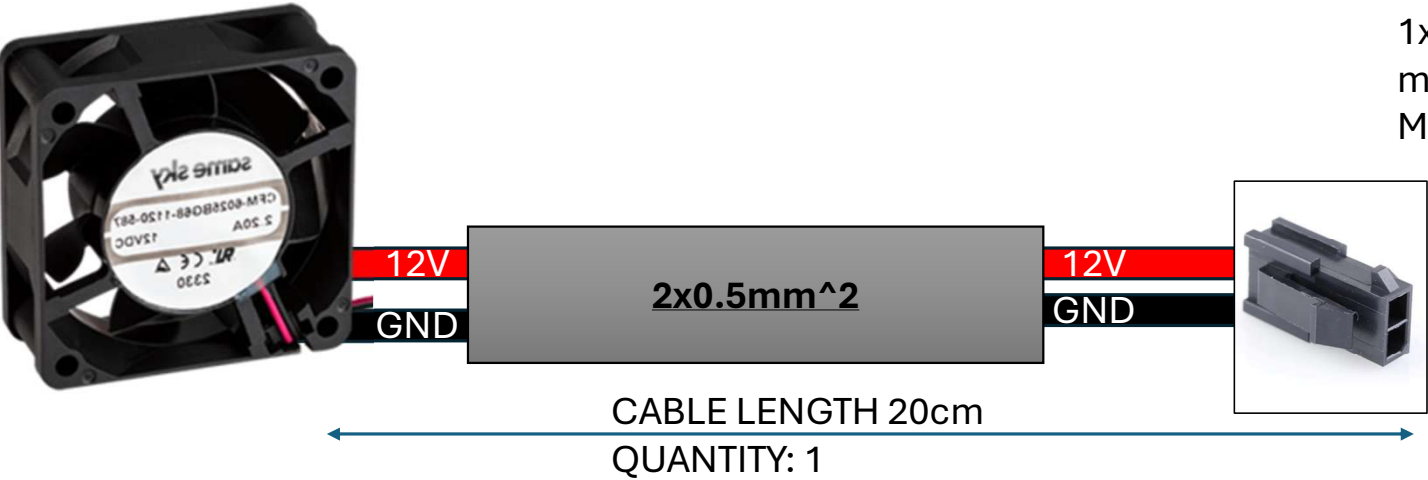
Cable	Label
1	12V
2	GND

Fan Power Wiring

CABLE G



1x 5V and 1x GND wires to one microfit
Male Pin, Female Housing



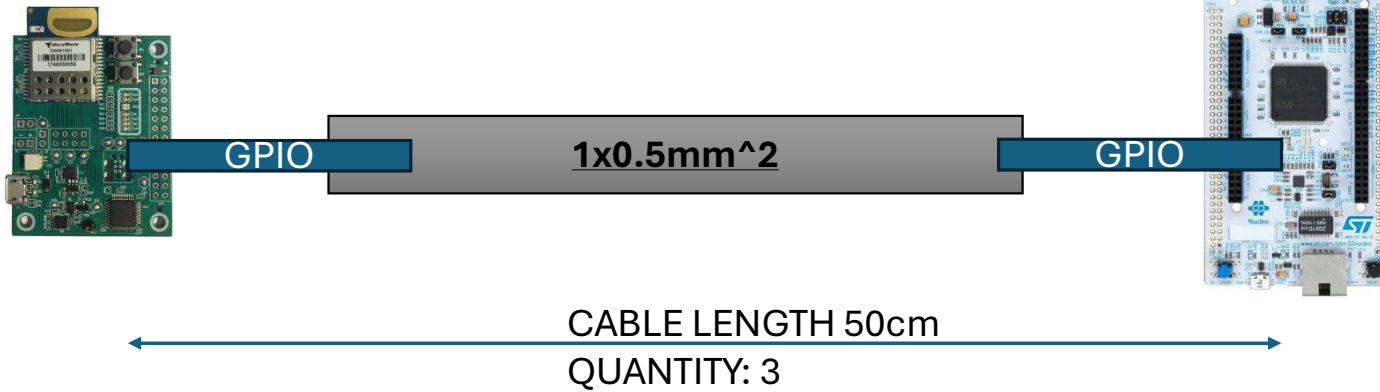
Cable	Label
1	12V
2	GND

Reset pin wire

CABLE H

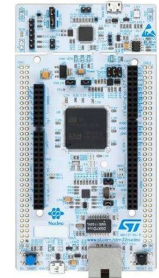
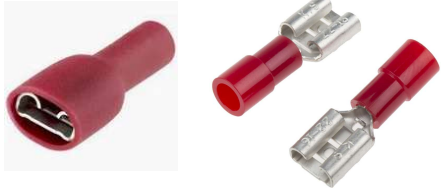
Soldered on UWB
Module

Soldered on stm32



Latch Button Wiring

CABLE I



Soldered to STM32

1 of each wire to one spade connector
female F2/F3

