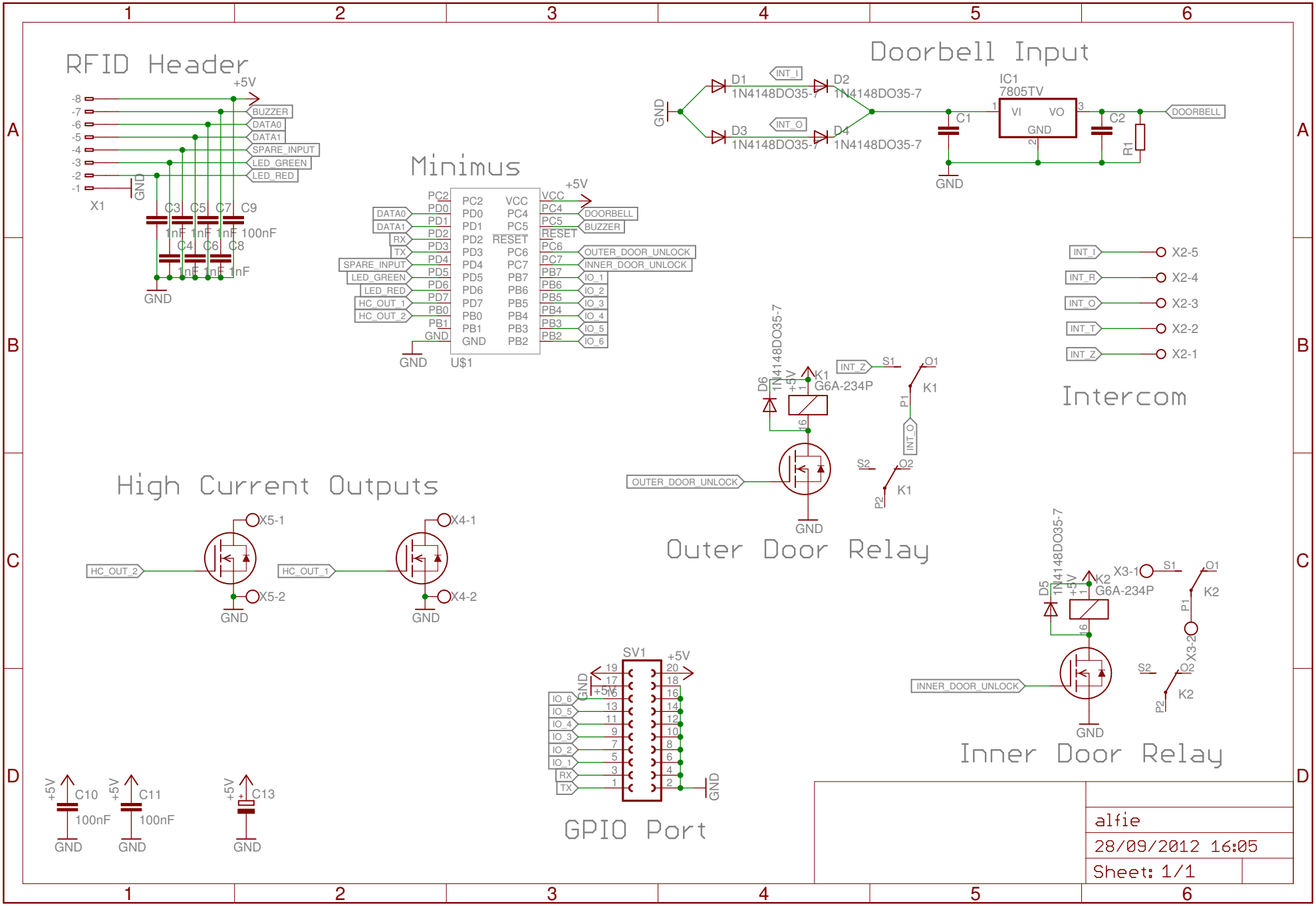
RFID Header
+5V
-8
-7
-6
-5
-4
-3
-2
-1
BUZZER
DATA0
DATA1
SPARE_INPUT
LED_GREEN
LED_RED
X1
GND
C3 C5 C7 C9
1nF 1nF 1nF 100nF
C4 C6 C8
1nF 1nF 1nF
GND
Minimus
PC2
DATA0
DATA1
RX
TX
SPARE_INPUT
LED_GREEN
LED_RED
HC_OUT_1
HC_OUT_2
GND
PC2 PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7 PB0 PB1 GND
PC2 PD0 PD1 PD2 PD3 PD4 PD5 PD6 PD7 PB0 PB1 GND
VCC PC4 PC5 RESET PC6 PC7 PB7 PB6 PB5 PB4 PB3 PB2
VCC PC4 PC5 RESET PC6 PC7 PB7 PB6 PB5 PB4 PB3 PB2
+5V
DOORBELL
BUZZER
OUTER_DOOR_UNLOCK
INNER_DOOR_UNLOCK
IO_1
IO_2
IO_3
IO_4
IO_5
IO_6
GND
U$1
Doorbell Input
GND
D1
1N4148DO35-7
D2
1N4148DO35-7
D3
1N4148DO35-7
D4
1N4148DO35-7
INT_I
INT_O
C1
IC1
7805TV
VI
VO
GND
C2
R1
DOORBELL
GND
INT_I
INT_R
INT_O
INT_T
INT_Z
X2-5
X2-4
X2-3
X2-2
X2-1
Intercom
High Current Outputs
X5-1
HC_OUT_2
X5-2
GND
X4-1
HC_OUT_1
X4-2
GND
D6
1N4148DO35-7
+5V
K1
G6A-234P
INT_Z
S1
O1
K1
P1
INT_O
S2
O2
K1
P2
OUTER_DOOR_UNLOCK
GND
Outer Door Relay
D5
1N4148DO35-7
+5V
K2
G6A-234P
X3-1
S1
O1
K2
P1
X3-2
S2
O2
K2
P2
INNER_DOOR_UNLOCK
GND
Inner Door Relay
+5V
C10
100nF
GND
+5V
C11
100nF
GND
+5V
C13
GND
SV1
+5V
GND
IO_6
IO_5
IO_4
IO_3
IO_2
IO_1
RX
TX
19 17 15 13 11 9 7 5 3 1
20 18 16 14 12 10 8 6 4 2
GND
GPIO Port
alfie
28/09/2012 16:05
Sheet: 1/1